

Digital Imaging



What is Digital Imaging?

In it's simplest terms, digital imaging (editing) is the process of altering images with a computer, digital camera or scanner, and printer.

What is Digital Imaging?

Digital imaging is **associated** with digital photography and is also used in the fields of science, medicine and forensics.

In what ways is
Digital Imaging used?

Where can I see it around me?

MICHAEL PHELPS AND THE BEST YEAR EVER FEATURING: **ROCCO & TIGER**
VENUS & SERENA KEVIN GARNETT **DAVID TYREE** SIDNEY CROSBY **JOSH HAMILTON** AND YANKEE STADIUM

ESPN

THE ESPN 100
TAKE THE TOUGHEST
QUIZ OF 2008

Digital
Imaging is
used in photo
illustrations for
magazines

FOR THE BEST
OF TOMORROW,
FLIP US OVER!

AMERICA'S GOLDEN BOY



Juli

Sommeren indbyder til LÆSNING, og timerne i *flyet, toget* eller i *sommerhuset* flyver af sted, når du befinder dig i FIKTIONENS verden. Derfor har Eurowoman bedt *sangerinden* og *dokumentarfilminstruktøren* **MAYA ALBANA** om at give sit bud på den PERFEKTE *sommernovelle*, så du kan glemme *virkeligheden* for en stund. Her kan du LÆSE resultatet.

Tekst: MAYA ALBANA. Illustration: RUTH CRONE FOSTER.

Hun kom til byen i starten af juli. Med lange lemmer og store øjne. Lidt for rund til rigtig at være model. Lidt for køn til rigtig at gå på uni. Hun havde sendt en ny boksmadræs og fire ben i forvejen og selv taget toget. Bus 40 kendte hun fra modemesen i Bella Center, så det var let nok fra Hovedbanen. Hun skulle bare den modsatte vej.

Luften i byen var varm og tung, men det var egentlig rart at sidde bag busruderne og kigge ud på alting. Der var noget anderledes over bygningerne. Alting var højere. Og der var masser af biler og cykler og mennesker, der så ud, som om de skulle steder hen, der var vigtige, selv om det var aften. I hvert fald indtil Vesterport. Så ebbede det lidt ud. Hun flyttede ind hos en gymnasieveninde, hvis forældre havde købt en toer med indbyggede skabe i Classensgade. Veninden havde god smag inspireret af den tredje verden, et vævet sengetæppe fra Ixtlan og indrammede tryk af Frida Kahlo og Karen Blixen på væggene. Og var ligesom hun selv på kur. Fem kilo. Mindst. De vidste godt, at det var overfladisk. Og på lunt tid. Men nu gav de det et skud hen over sommeren for at tjene nogle penge. Eller få nogle oplevelser. Eller begge dele. De drak Thea-Bona og rystede bægge med Nupo på skift i køkkenet, der havde udsigt til trækoner og ambassader, hvis nationale tilhørsforhold de ikke havde helt styr på. Bureauerne ringede ikke særlig tit. Der var stille i det kvarter.

Hun satte sig for at løbe om Søerne. Veninden gjorde det i forvejen. I mørkeblåt løbetøj med reflekser ned langs benene, så man kunne ses på vej over Østerbrogade, når det var mørkt. Hun turde ikke løbe om aftenen. Det havde hun heller aldrig gjort derhjemme, hvor strøsystemerne var faldet af historier om mænd i mørke. Så på trods af heden ville hun prøve om formiddagen. Det føltes bedre. Gruset, man skulle løbe på, lå som en firkant uden om den første sø. Der var andre i løbesko. Tykke ænder og barnevogne i skyggen fra træer. Par på bænk med hinanden i favnen. Hver gang hun satte en fod ned i gruset, gav det en høj lyd.

Hun passerede en café med grønne markiser og bemærkede en bil ud ad øjenkrogen. Den trillede lige så stille. Det skarpe sollys og det grå støv fra gruset tog opmærksomheden, så det var egentlig først for enden af søens lange side, at hun fik kigget op og så bilen holde stille foran hende. Med åben dør. Manden var skaldet, og solen glimtede på kølerhjelm. Han så voldsom ud med sine bevægelser. Hun havde aldrig set nogen onanere før. Ikke om formiddagen i hvert fald.

Bagefter kunne hun ikke huske, hvordan hun kom hjem. Men selv om hun lå helt stille på køkkengulvet, gik der en halv time, fra hun havde list sig ind i lejligheden, til hendes hjerte holdt op med at banke. Og flere år, før hun gik på den side af søen igen.

For at få det hele til at løbe rundt fik hun arbejde på en café i

Ørstedsparken. Her lærte hun at blande mayonnaise og sennep sammen til dressing og at rydde op efter andre mennesker. Dem var der en del af, for den varme sommer var en god måned for cafeen og for udendørsservering som sådan. Bag disken var der frit udsyn til parkens stampublikum. De mindede hende meget om Odense. Lidt federe tøj måske. Hun forestillede sig, at de boede i lejligheder fulde af plankugle, seriøse pladesamlinger og afgørende klassikere i bogreoler af kasser, der stod direkte på gulvet. Når de stod i kø for at bestille, kunne hun høre dem tale om planregninger over bygninger, hvor der kunne være kontorfællesskaber. Og om kassevogne, der blev pakket med instrumenter torsdag morgen og vendte tilbage søndag med tømmertøm og strømper, der lugtede af Randers. Og om film inde i hovedet. Selv om luften stod stille, og parken kogte af varme, var det, som om de ikke svedte. Personligt ville hun nok være taget til stranden, men det var åbenbart ikke sådan en slags jule, de var oppe på. Det virkede, som om de sad i en stor stue. Indenfor i parken. Som om de var en klub uden at have aftalt det. Nogle, der lige holdt en pause fra øvelokaler, forelæsninger, film-sets, eller hvad vidste hun.

Hun talte aldrig med dem. Tog kun imod deres bestillinger. En enkelt gang var det godt nok en af dem, der selv stillede sin beskide kop på disken, så hun slap for at bære den ind. Og hun havde gjort sig umage for at finde et flot gratis postkort fra stativet på væggen og ikke mindst folde det sammen, så det så tilfældigt ud. Hans håndskrift var grim. Hun lod det ligge i underkoppen og satte opvasken over uden at kigge op, så hun slap for at se hans afventende øjne gennem diskens glastrude.

Hun vidste ikke rigtigt, hvor hun skulle gøre af sig selv, når hun havde fri. Ikke i den varme. Sådant var det nok bare at komme fra et hjem med en have.

I lejligheden blev veninden mere og mere utålmodig over, at der ►

“Lidt for rund til rigtig at være model. Lidt for køn til rigtig at gå på uni”

**“YOU’RE
BRILLIANT”**

Touareg. Get far, far away.



Digital Imaging is used in Commercial Television Advertising

Digital Imaging is used in Promotional Advertising



Digital Imaging is used in print materials like movie posters





EMMA DAN LUKE KEVIN JOSH EWAN STANLEY AUDRA GUGU IAN EMMA
 WATSON STEVENS EVANS KLINE GAD MCGREGOR TUCCI McDONALD MBATHA-RAW WITH MCKELLEN AND THOMPSON



Disney
BEAUTY
 AND THE
BEAST

DISNEY PRESENTS "BEAUTY AND THE BEAST" A MANDEVILLE FILMS PRODUCTION A BILL CONDON FILM EMMA WATSON DAN STEVENS LUKE EVANS KEVIN KLINE JOSH GAD EWAN MCGREGOR STANLEY TUCCI WITH IAN MCKELLEN AND EMMA THOMPSON SONGS ARRANGED BY MICHAEL KOSARIN SCORE BY CHRISTOPHER BENSTEAD MUSIC BY MATT SULLIVAN
 MUSIC BY ALAN MENKEN LYRICS BY HOWARD ASHMAN AND TIM RICE COSTUME DESIGNER JACQUELINE DURRAN EDITOR VIRGINIA KATZ, ACE PRODUCTION DESIGNER SARAH GREENWOOD
 DIRECTOR OF PHOTOGRAPHY TOBIAS SCHLIESSLER, ASC EXECUTIVE PRODUCERS JEFFREY SILVER THOMAS SCHUMACHER DON HAHN PRODUCED BY STEPHEN CHBOSKY AND EVAN SPILIOTOPOULOS
 PRODUCED BY DAVID HOBERMAN, P.G.A. AND TODD LIEBERMAN, P.G.A. DIRECTED BY BILL CONDON

IN 3D, REALD 3D IN THEATRES MARCH 17 AND IMAX 3D

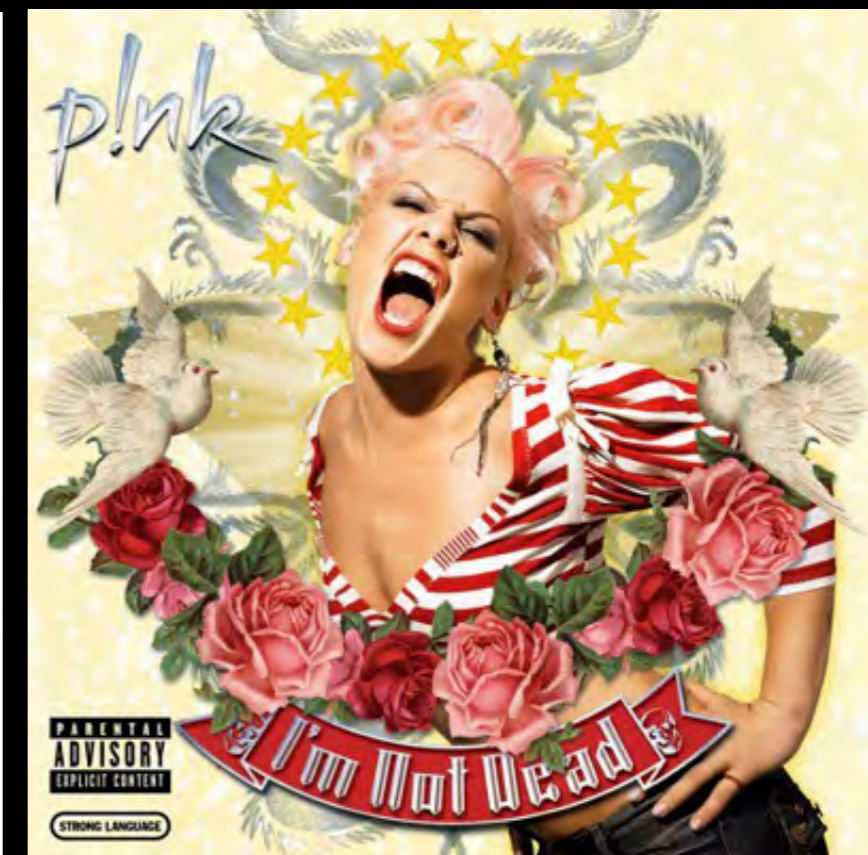


STAR
 THE FORCE AWAKENS
WARS

A LUCASFILM LTD. PRODUCTION & BAD ROBOT PRODUCTION "STAR WARS: THE FORCE AWAKENS" HARRISON FORD MARK HAMILL CARRIE FISHER ADAM DRIVER DAISY RIDLEY JOHN BOYEGA OSCAR ISAAC LUPIITA NYONG'O ANDY SERKIS DOMINIC MONAGHAN ANTHONY DANIELS PETER MAYHEW AND MAX VON SYDOW MUSIC BY JOHN WILLIAMS
 EDITOR ANDREW A. KOSOVE EXECUTIVE PRODUCERS MICHAEL FOKS PRODUCED BY JAMES W. WATSON AND JAMES W. WATSON
 PRODUCED BY TOMMY HARPER JASON MCGATLIN WRITTEN BY KATHLEEN KENNEDY, P.G.A. J.J. ABRAMS, P.G.A. BRYAN BURK, P.G.A. DIRECTED BY LAWRENCE KASDAN & J.J. ABRAMS, P.G.A. AND MICHAEL ARNOLD PRODUCED BY J.J. ABRAMS

DECEMBER 18
 IN 3D, REALD 3D AND IMAX 3D

CD Album Covers





COMETH THE HOUR.



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Gary M. Prior

Billboard Ads



UNDER ARMOUR

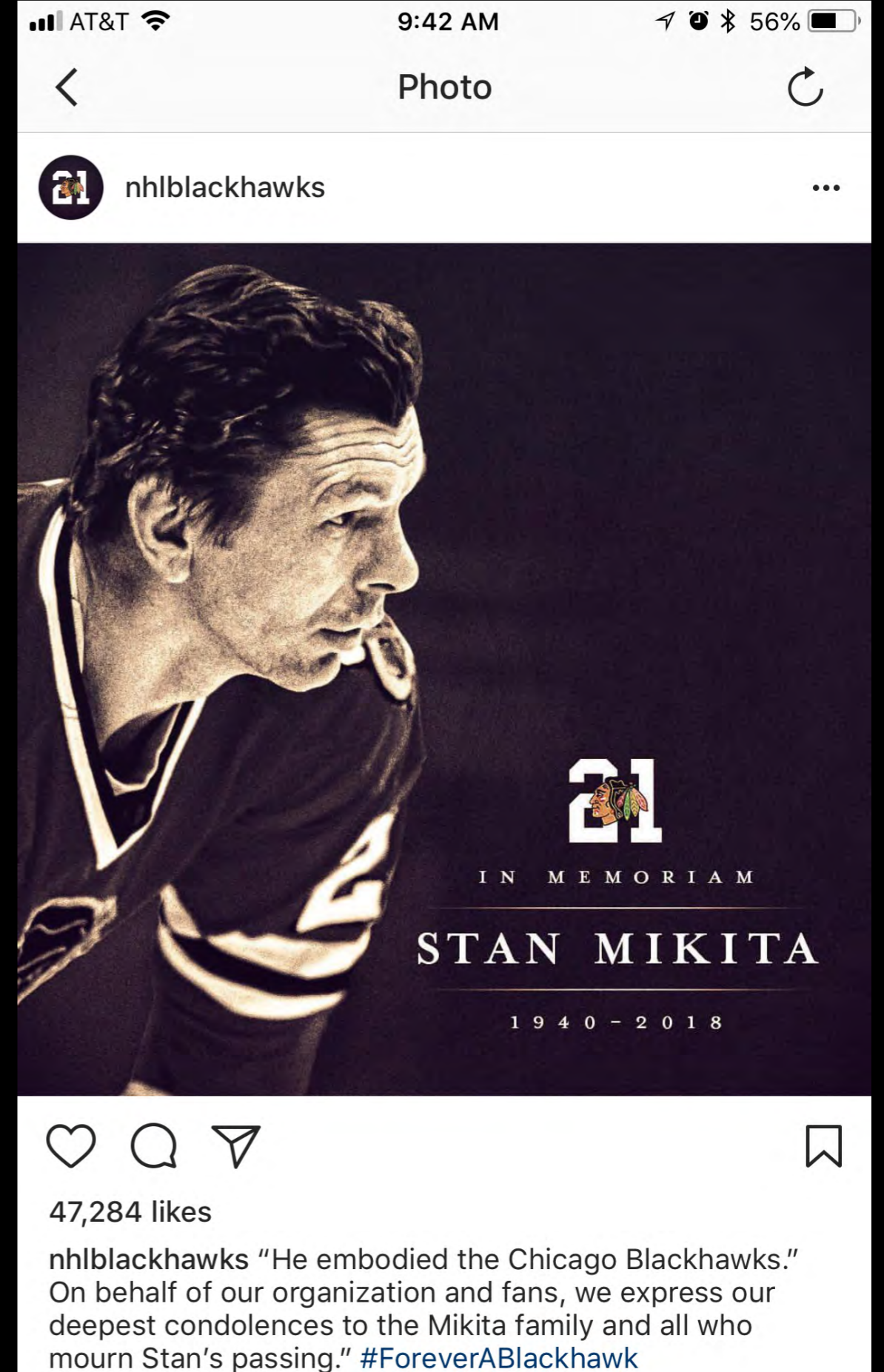


2014 NBA ALL-STAR STARTING PG
STEPHEN CURRY

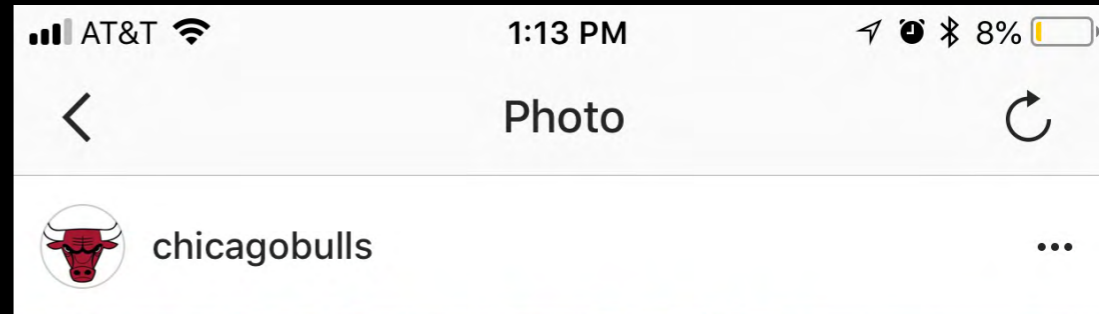
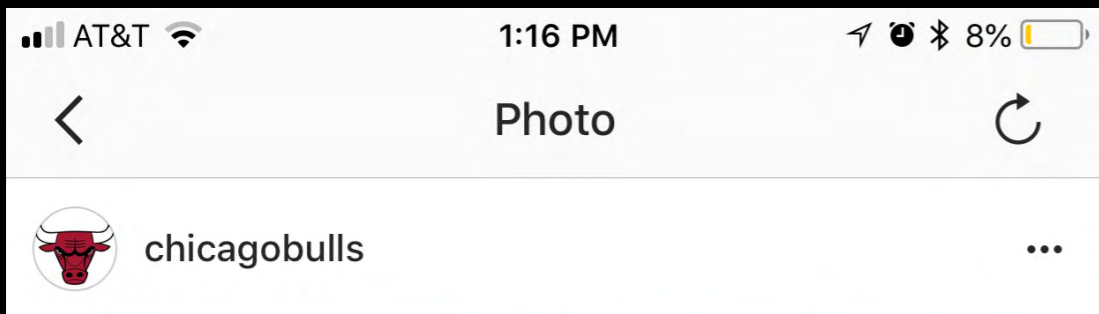
I WILL.

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LAMAR



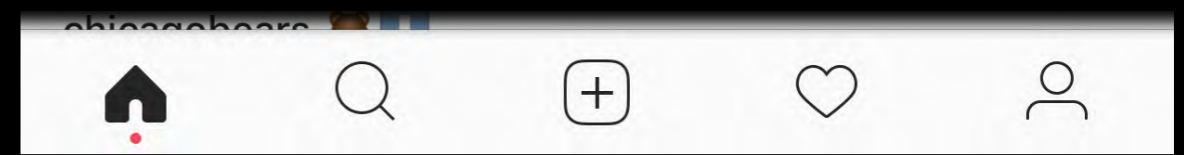
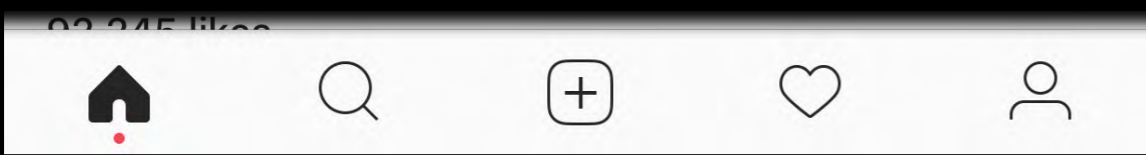
Digital Imaging is used by Professional Sports Teams for Social Media



Digital Imaging is used by Professional Sports Teams for Social Media



Digital Imaging is used by Professional Sports Teams for Social Media



Digital Imaging is used in product designs



Digital Imaging is **used** in product designs





Digital Imaging is used in product designs



How I can work with
Digital Imaging?

How I can **work** with Digital Imaging?

Digital Imaging Software

Adobe Photoshop is the most common application commercially used for digitally manipulating images.



Adobe Creative Cloud Photoshop CC

2017 Release

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Artwork by Amr Elshamy
See the About screen for details

Reading preferences...

Thomas Knoll, Seetharaman Narayanan, Russell Williams,
Jackie Lincoln-Owyang, Alan Erickson, Ivy Mak, Sarah Kong,
Jerry Harris, Mike Shaw, Thomas Ruark, Domnita Petri, David
Mohr, Yukie Takahashi, David Dobish, Steven E. Snyder, John
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Maria Yap, Pam Clark, B. Winston Hendrickson, Pete Falco,
Dave Polaschek, Kyoko Itoda, Kellisa Sandoval, Steve



WATCH THE VIDEO BY CLICKING ON THE LINK

<https://www.youtube.com/watch?v=sczKEdcxYdU>



Photoshop CC



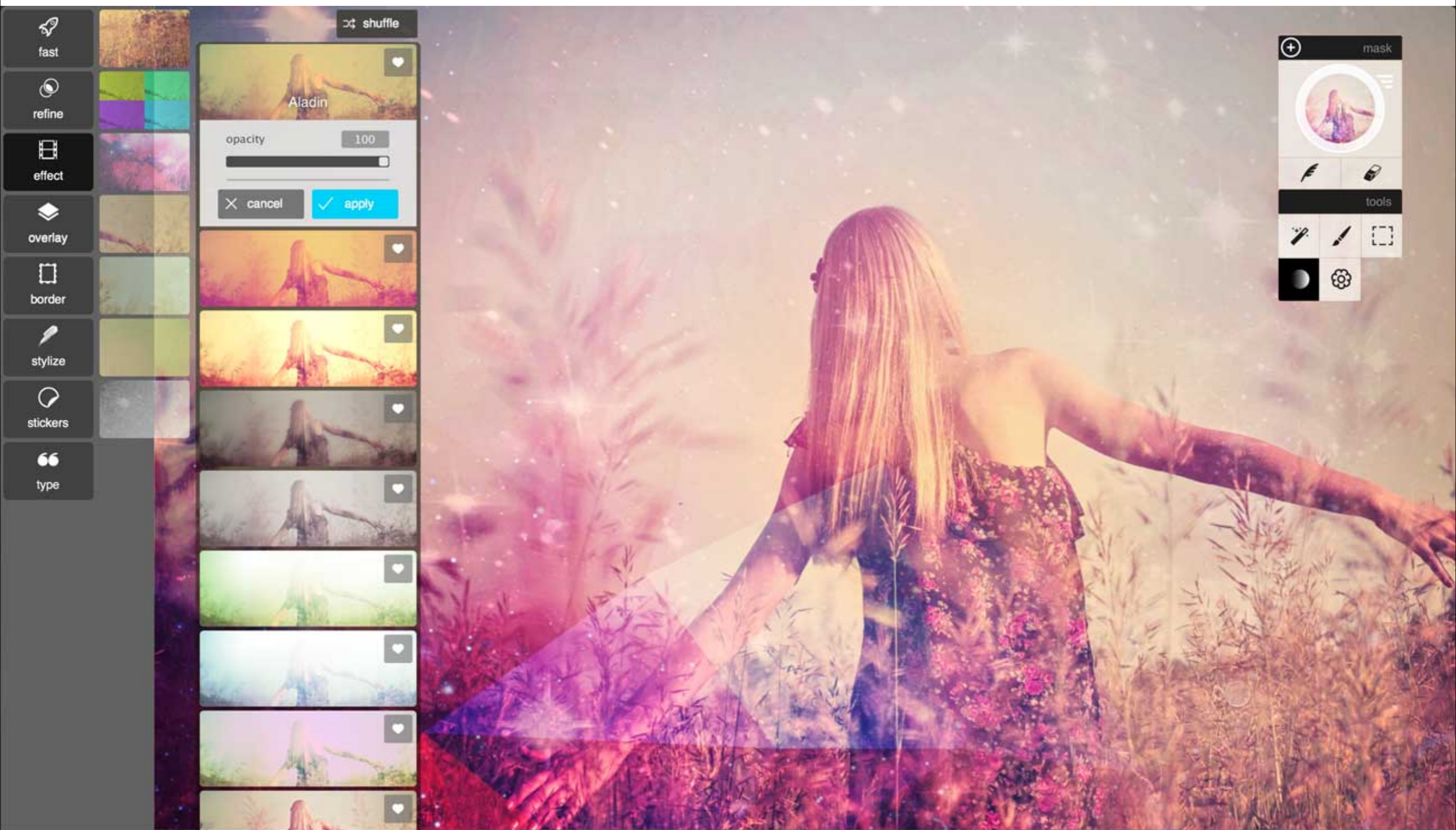
0:01 / 1:07



How I can **work** with Digital Imaging?

Digital Imaging Web apps

These are done using the computer by going to a website



fast

refine

effect

overlay

border

stylize

stickers

type

shuffle

Aladin

opacity 100

cancel apply

mask

tools

Photo Editing

Open
a photo

Collage

Cards

Online photo editing & photo creatives made simple and fun
Free cross-platform photo editor

How I can **work** with Digital Imaging?

Digital Images Mobile apps

These use a mobile phone and are found in the App Store or Google Play





Instagram

A simple, fun & creative way to capture, edit & share photos, videos & messages with friends & family.



Snapseed 4+

Google, Inc. >

Essentials

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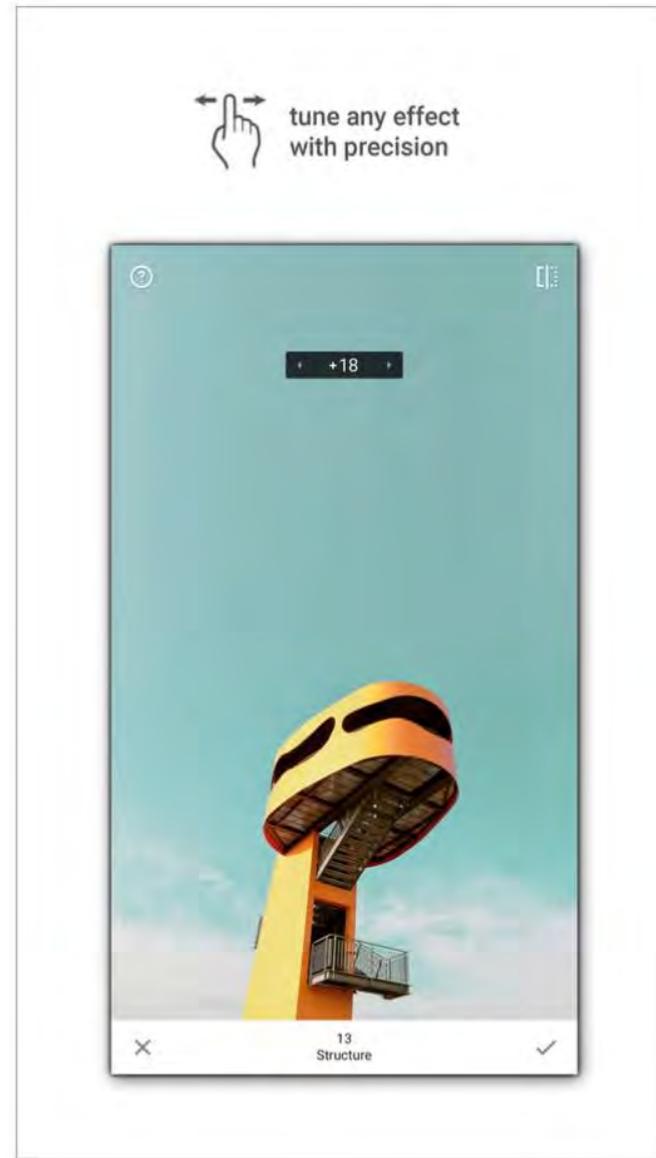
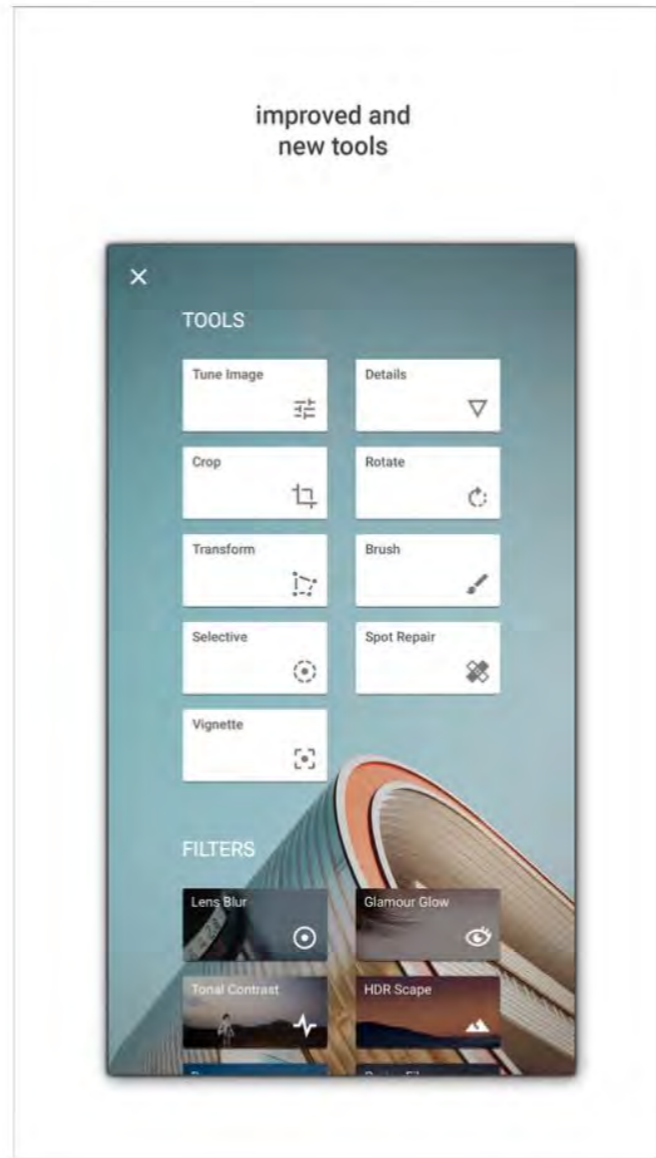
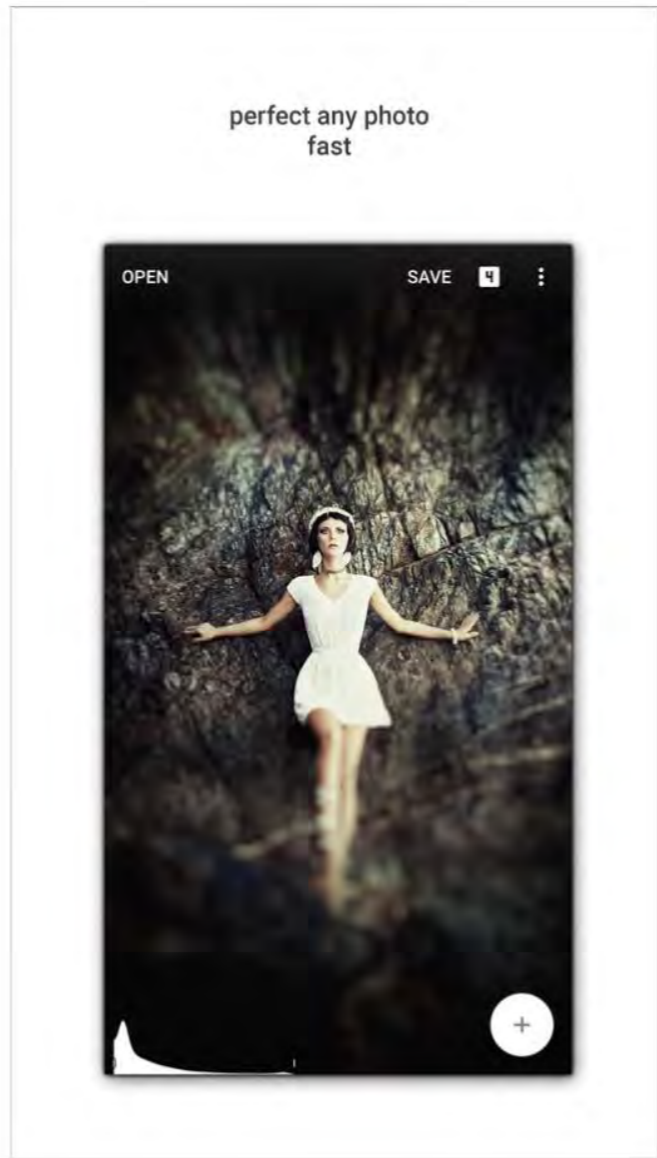
This app is designed for both iPhone and iPad

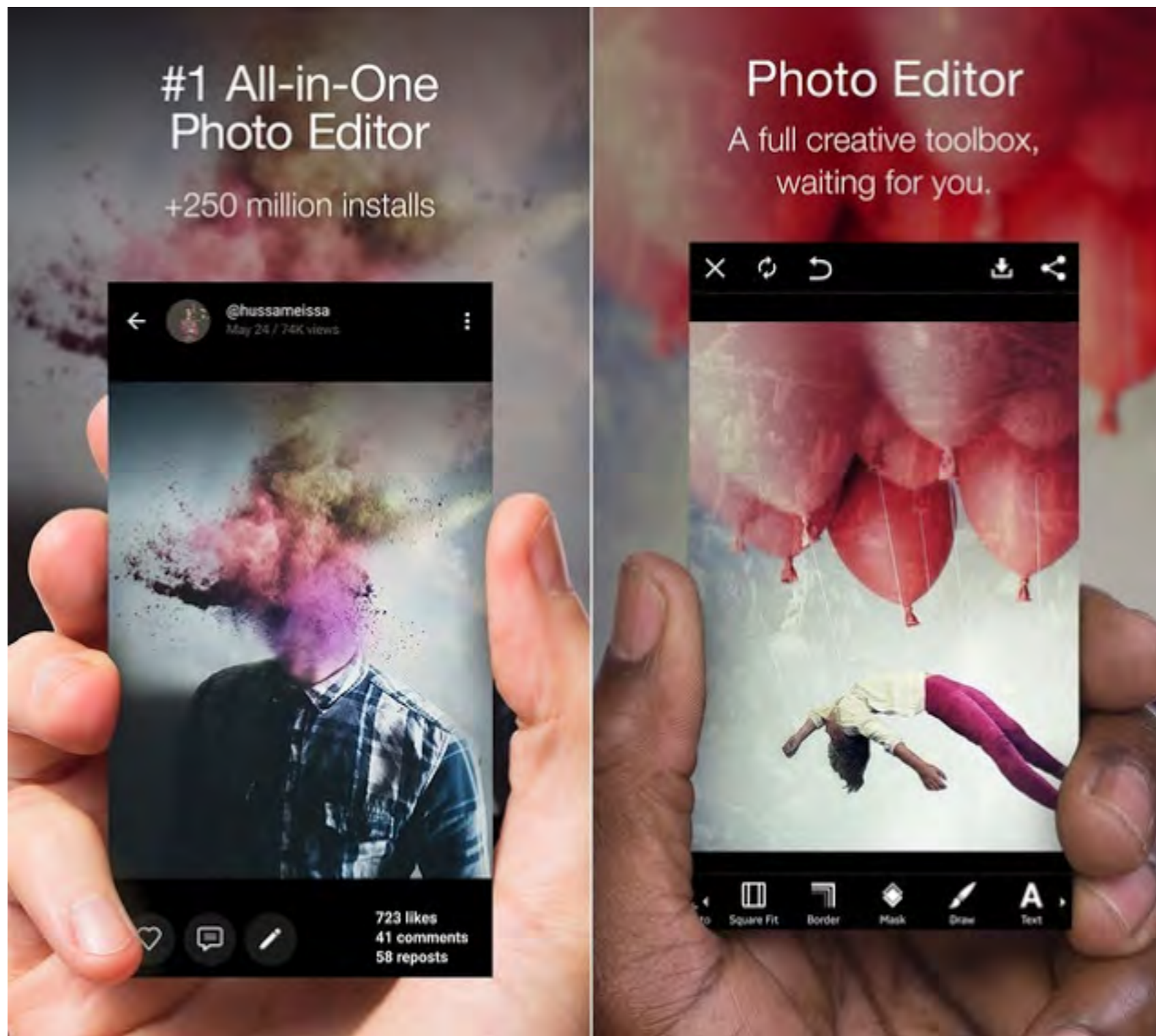
Rating: 4+

LINKS

- [Privacy Policy](#)
- [Developer Website](#)

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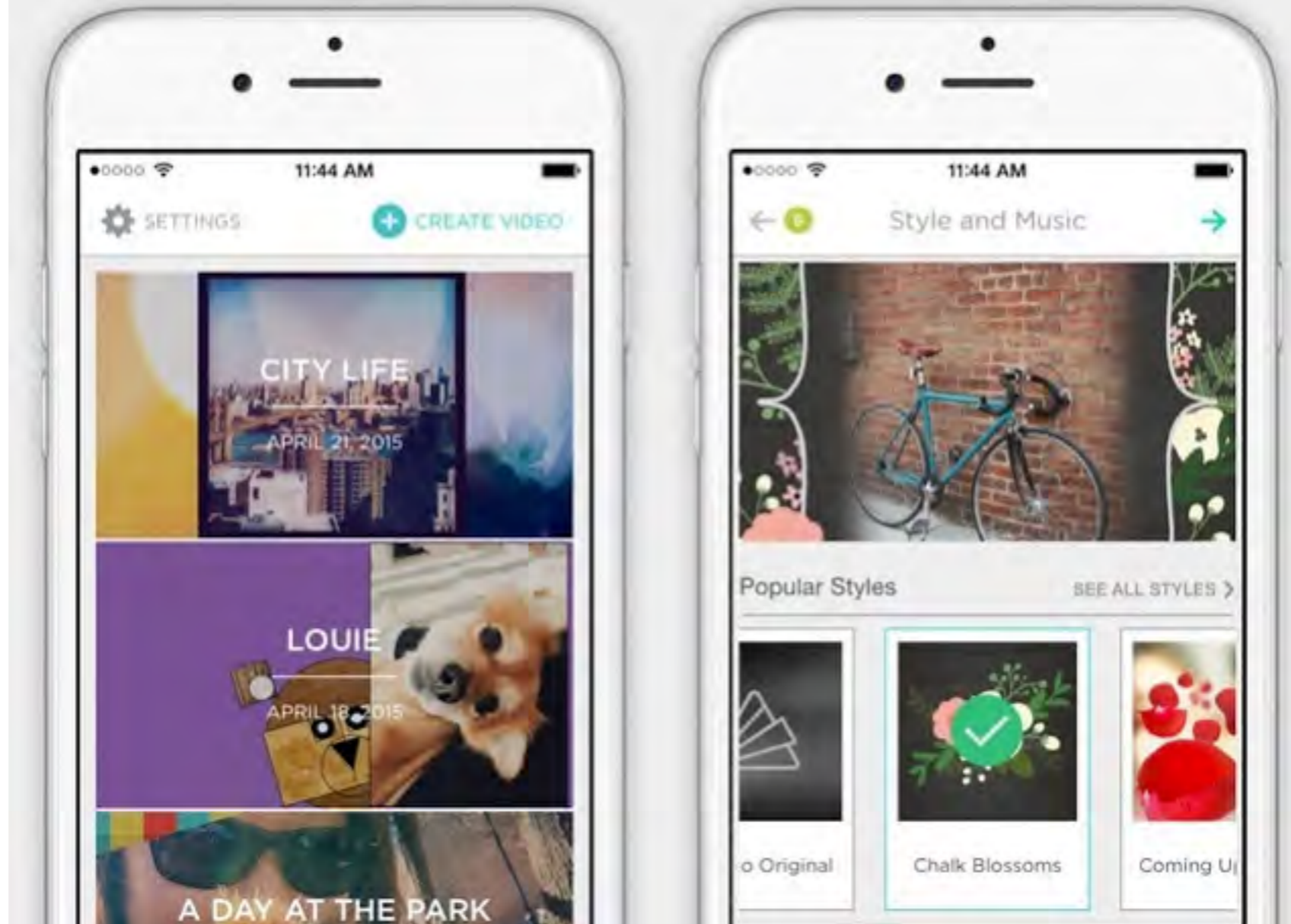


PicsArt Photo Studio

It offers you a wide variety of editing skills from filters to clip-arts everything and is totally a free app in store. It will make more creative than just applying filters on your photo with a great image qualities. Perfect for selfie lovers and this loving special features makes it the best iPhone app in iTunes store. It is available on both iPhone and iPad app store.

Amazing videos of your life, now
in your pocket.

Great styles and music,
for your beautiful memories



Animoto Video Maker

Got some favourite photos and video clips of your beautiful life moments? Make fun video clips with photos and video clips from your camera roll, choose any theme or video style template, add a song and experience its magic of making your magical moments more special. Animoto Video Maker is also available on iOS 9 with 3D touch support.

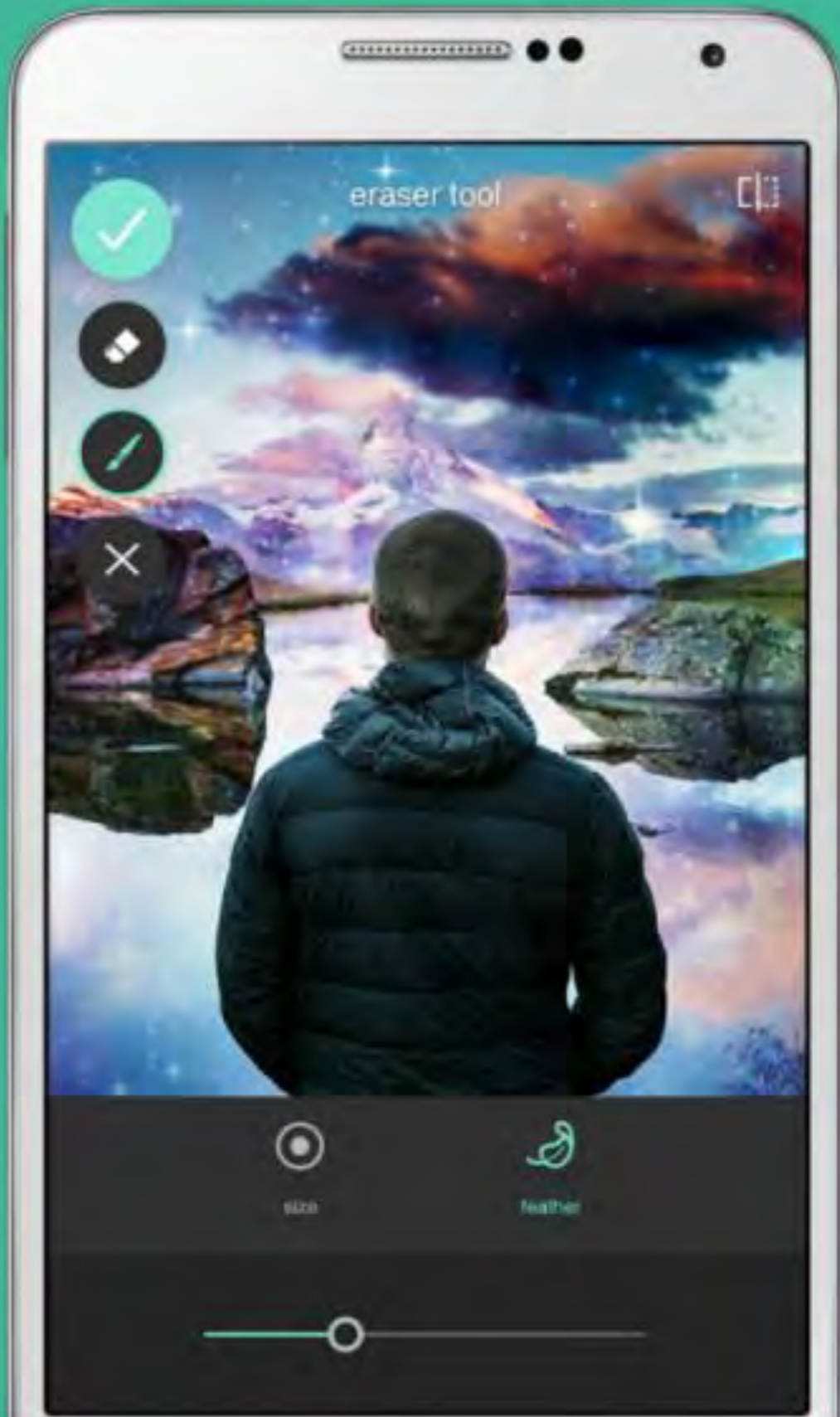


Mixgram

A perfect package of basic and advance photo editing tools such as photo editor, you can make picture collage with it, pic stitching, camera effects, special filters, photo frames and vintage filters for selfies taker.

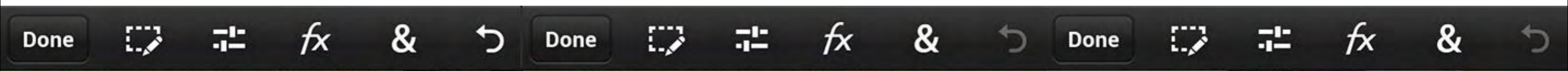
Capturing photos with this best app, Mixgram is totally effortless and free. Make your magic moments beautiful with full of artworks using Mixgram and share with your friends.

Paint or remove effects in specific areas



Tell a bigger story with collages





Opacity
100%

Blend Mode
Normal

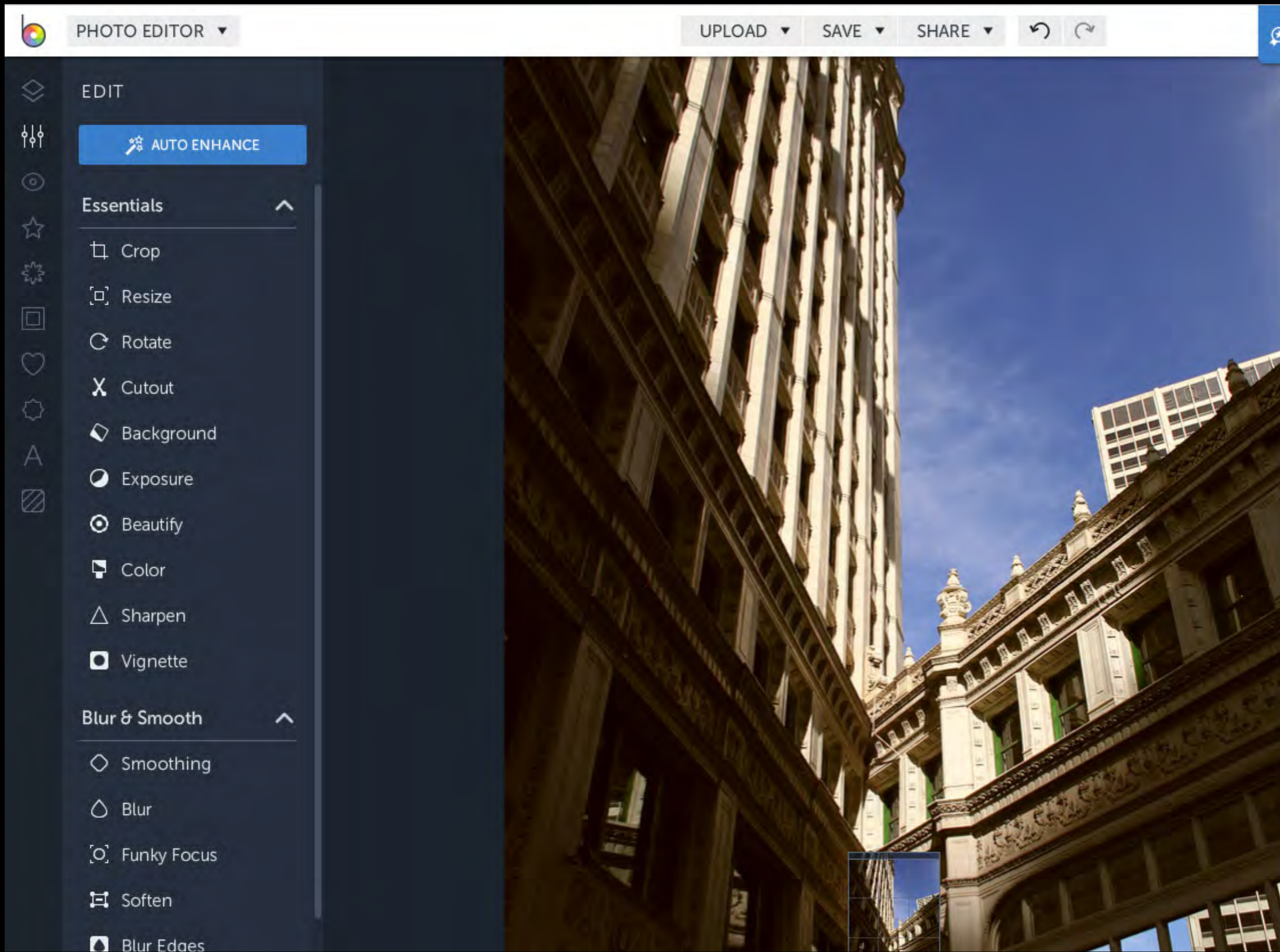
This block contains a settings panel for the active layer. It includes an 'Opacity' slider set to 100%, a 'Blend Mode' dropdown menu currently set to 'Normal', and three icons at the bottom: a collapse icon, a delete icon, and an add layer icon.

What different kinds of editing and transformations can be done in Digital Image?

It allows users to edit, manipulate, enhance and transform images in an almost endless number of ways.

for example...

Color correction of photos



Color correction of photos

The screenshot displays a web-based photo editor interface. At the top, a navigation bar includes a logo, the text "PHOTO EDITOR", and buttons for "UPLOAD", "SAVE", and "SHARE", along with undo and redo icons. The main editing area is a large photograph of a city street with ornate buildings and a clear blue sky. On the left, a dark sidebar contains a vertical list of editing tools, each with a corresponding icon. The "Essentials" section is expanded, showing options like Crop, Resize, Rotate, Cutout, Background, Exposure, Beautify, Color, Sharpen, and Vignette. The "Blur & Smooth" section is also expanded, showing options like Smoothing, Blur, Funky Focus, Soften, and Blur Edges. A small inset window in the bottom right corner shows a zoomed-in view of a portion of the main image.

PHOTO EDITOR

UPLOAD SAVE SHARE

EDIT

AUTO ENHANCE

Essentials

- Crop
- Resize
- Rotate
- Cutout
- Background
- Exposure
- Beautify
- Color
- Sharpen
- Vignette

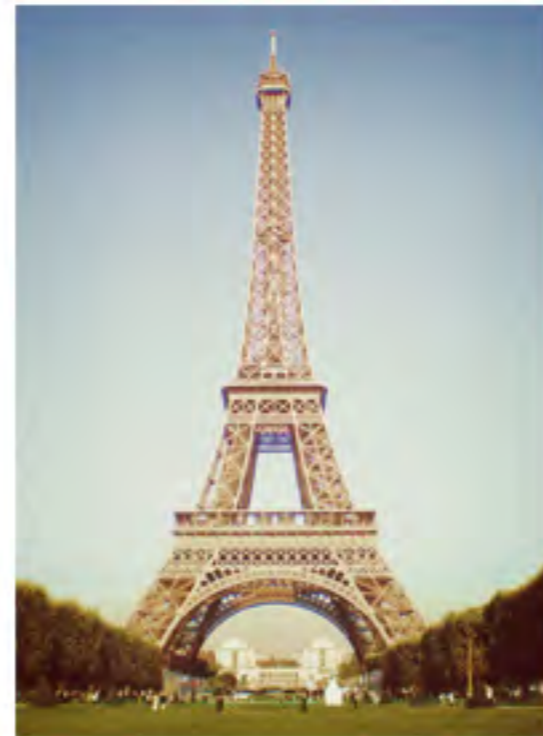
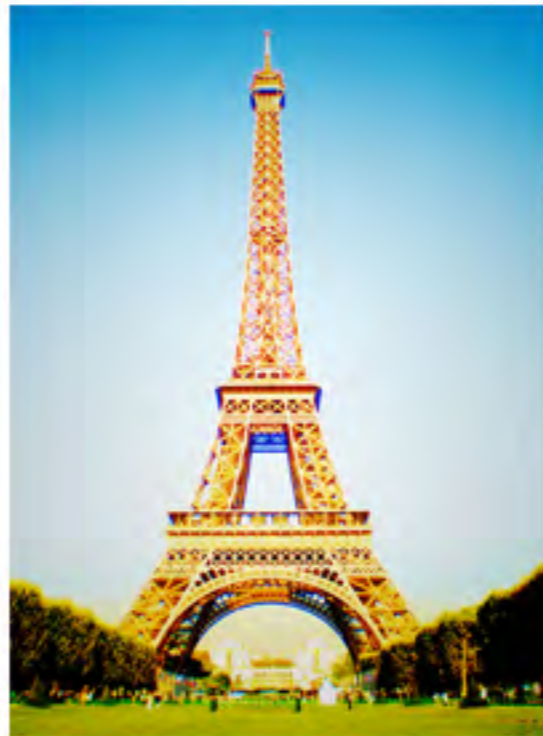
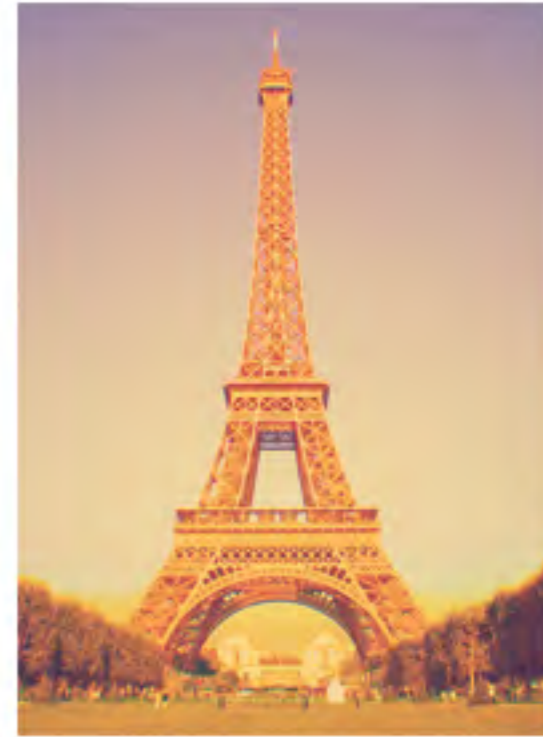
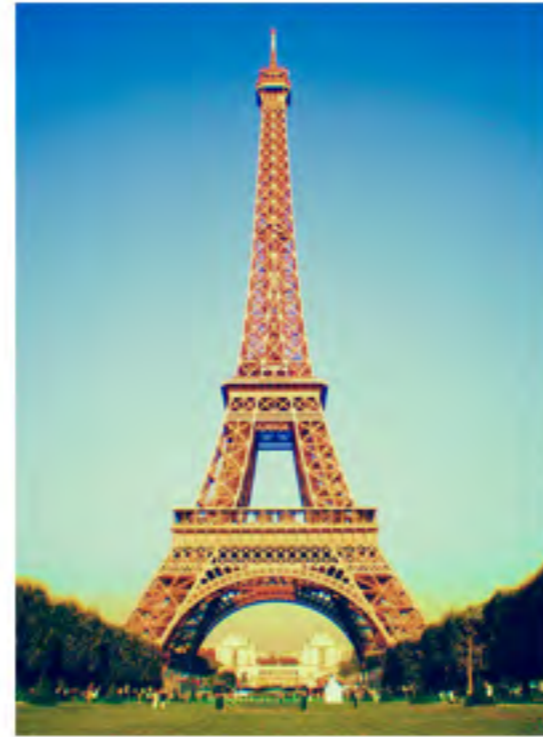
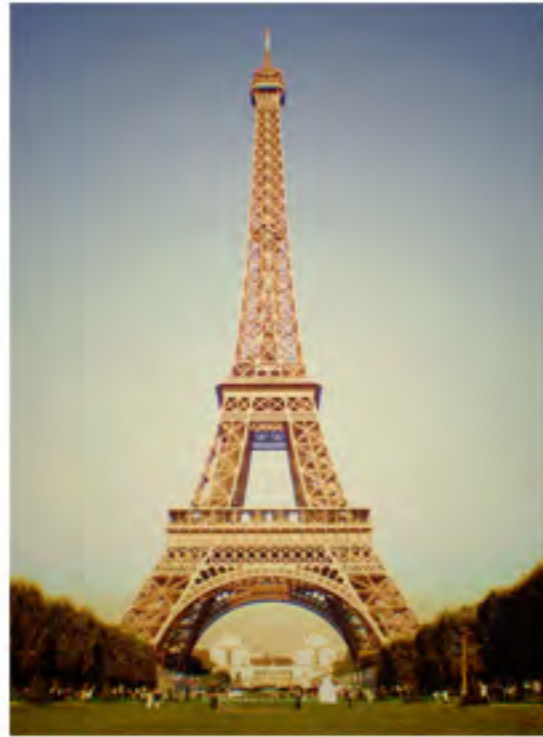
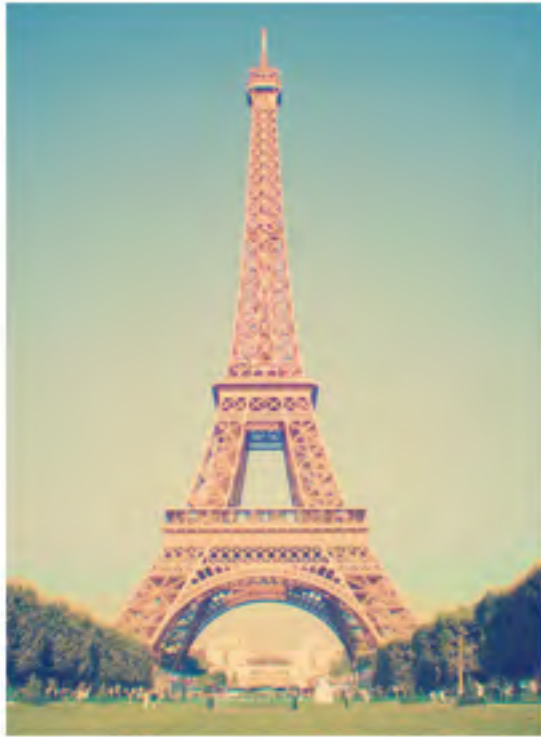
Blur & Smooth

- Smoothing
- Blur
- Funky Focus
- Soften
- Blur Edges

Red eye removal from photos



Creative color changes



Removing the color from images



Color Splash Me (with matte)

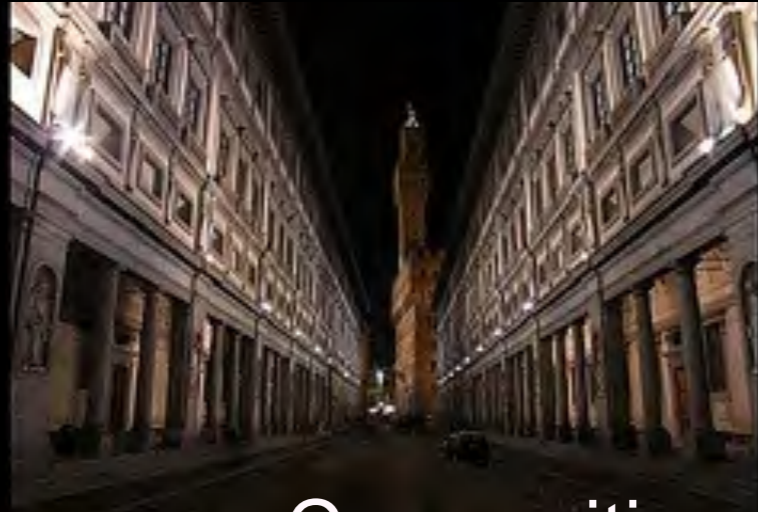
Restoration and retouching of images



Removing aspects from images







Compositing two or more images together



Photo Manipulation



Photo Manipulation



Photo Manipulation





Photo Manipulation

Photo
Manipulation





Photo
Manipulation



Digital Painting



Digital Painting





Pixels

A digital image is composed of pixels (**picture elements**) of information arranged in columns and rows.

Images are measured in pixel dimensions for width and height, and the number of pixels in the photo for the width and height should be in the **THOUSANDS** for good quality. Example 2,000 x 3,000 pixels.



Pixels

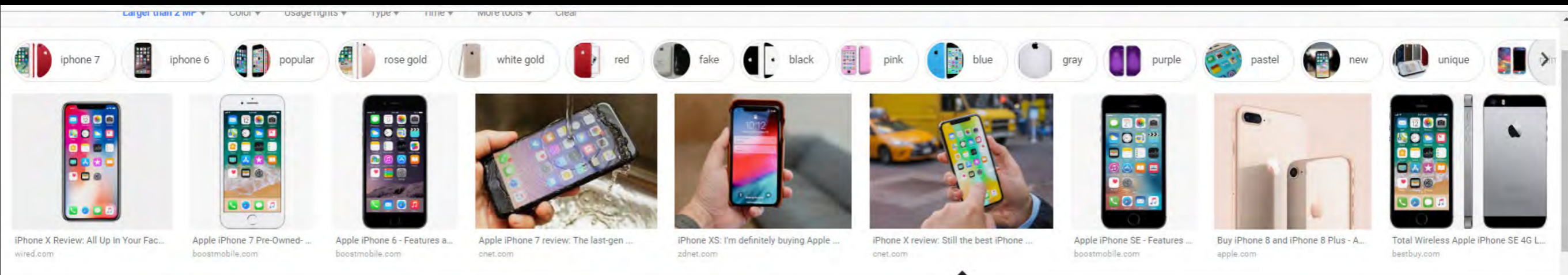
The more pixels in the image the better it will look when printed, used in presentations, multimedia projects, and determines how big it can be printed.

Pixels

Images are measured in pixel dimensions for width and height, and the number of pixels in the photo for the width and height should be in the **THOUSANDS** for good quality. Example 2,000 x 3,000 pixels.



Small low resolution



3000 x 2000 - Images may be subject to copyright. [Learn More](#)

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High resolution photos



Here the Small low resolution photo was increased in size. Because the photo has only pixel width and height measurements in the hundreds (300 x 200) it CANNOT be increased in size without getting BAD quality photo.



Here a big high resolution photo was saved instead. This photo has pixel width and height measurements in the thousands (3000 x 2000). It is already large and increasing the size is not needed.