

Converting Colors

Hex(638EFC)

Have a look what the booklet for
Hex(638EFC) contains.

Hex(638EFC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(638EFC)

Conversions

Conversions Part 1

Format	Color
Hex	638EFC
RGB	99, 142, 252
RGB Percent	39%, 56%, 99%
CMY	0.6118, 0.4431, 0.0118
CMYK	0.61, 0.44, 0.00, 0.01
HSL	223°, 96%, 69%
HSV	223°, 61%, 99%
XYZ	32.3893, 29.0269, 95.9911
YIQ	141.6830, -60.9380, 25.0940

Conversions

Conversions Part 2

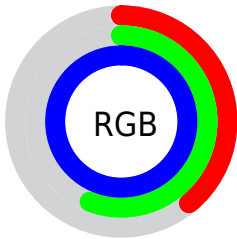
Format	Color
RYB	99, 133, 252
Decimal	6524668
CIELab	60.81, 18.18, -59.35
CIELCh	61, 62.072, 287.033
Yxy	29.0269, 0.2058, 0.1844
Android (android.graphics.Color)	4284714748 (0xFF638EFC)
YUV	141.6830, 54.3863, -37.4330
Hunter-Lab	53.8766, 13.0256, -67.9224

Details

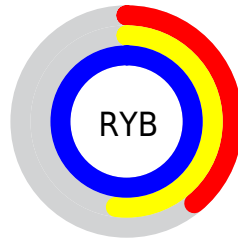
The Hex color **638EFC** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FCD163**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A1C3FF**, and **0C5CC3** is the 20% darker color. If you saturate the color by 10%, you get **4A7CFC**, and if you desaturate by 10%, it is **7CA0FC**.

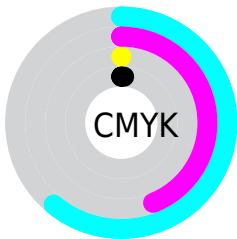
Distribution



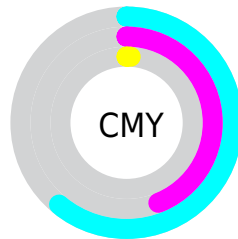
- Red (39%)
- Green (56%)
- Blue (99%)



- Red (39%)
- Yellow (52%)
- Blue (99%)



- Cyan (61%)
- Magenta (44%)
- Yellow (0%)
- Black (1%)



- Cyan (61%)
- Magenta (44%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 638EFC changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 638EFC by changing the saturation by 10% instead.

 638EFC

 638EFC

FFFFFF

 4175DF

 A1C3FF

 0C5CC3

 BFDFFF

 0045A7

 DDFCFF

 00308C

 FCFFFF

 001D72

 000159

 000740

 000329

 000113

■ 638EFC

■ 638EFC

■ 4A7CFC

■ 7CA0FC

■ 316AFC

■ 95B2FC

■ 1758FC

■ AFC4FC

■ 0047FC

■ C8D6FC

■ E1E9FC

■ FAFBFC

■ FFFFFC

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00A0FE



638EFC



BD76DE

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



638EFC



E67144



00AB78

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



638EFC



FCD163

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4FA543



638EFC



C2871C

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



638EFC



F65F76



919A19



00ADB1

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



638EFC



DF67BF



919A19



00AA66

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



638EFC



D1DEFF



63FCD1



636B80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



638EFC



4579FF



8463FC



70747D



0035BD



00113D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FC638E



FF4579



DBFC63



7D7074



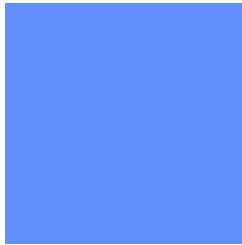
BD0035



3D0011

Previews

White Background



This preview shows how the Hex color 638EFC looks on a white background.

Color Contrast Check

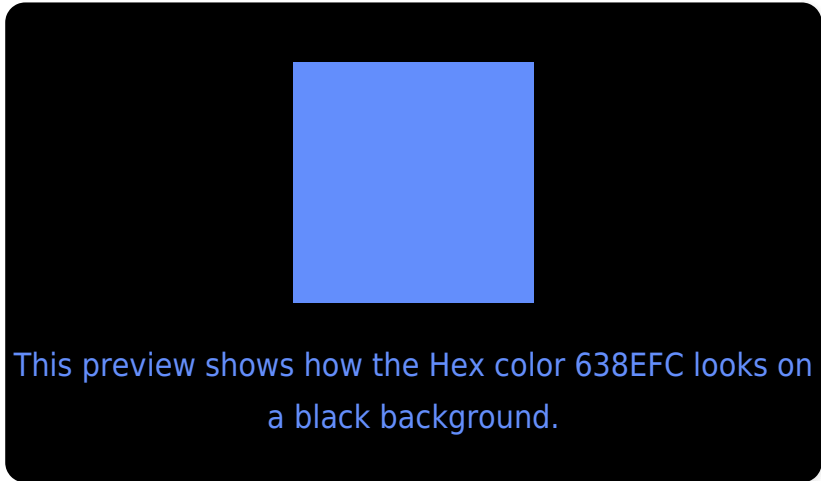
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

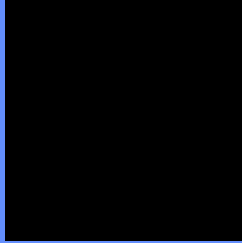
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

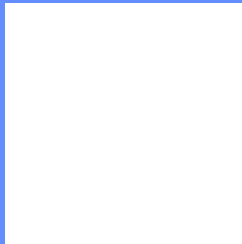
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 638EFC Background



This preview shows how black text looks on a background with the Hex color 638EFC.



This preview shows how white text looks on a background with the Hex color 638EFC.

Color Blindness Simulation

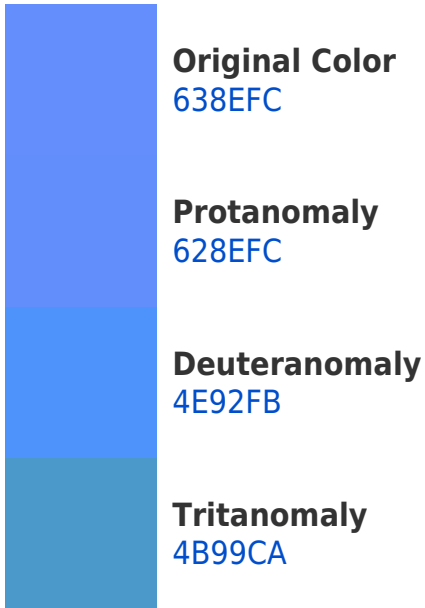
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

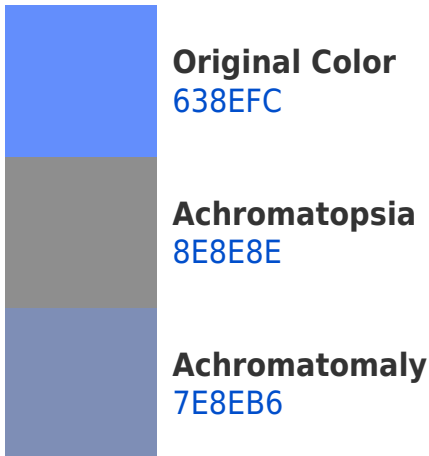




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 638EFC is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #638EFC looks like.

```
.text, #text, p{  
    color:#638EFC  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #638EFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638EFC
}
```

Border

The CSS property to change the border of an element to Hex 638EFC is called "border". The border property can be set on classes, ids or directly on the HTML element.

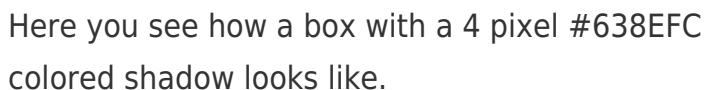
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#638EFC }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#638EFC }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #638EFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638EFC; -webkit-box-shadow:4px 4px  
4px 4px #638EFC; box-shadow:4px 4px 4px  
4px #638EFC }
```

Background

The CSS property to change the background color of an element to Hex 638EFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638EFC }
```

If only the background color should be changed can be used:

```
.background{ background-color:#638EFC }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor