

Converting Colors

Hex(678EF4)

Have a look what the booklet for
Hex(678EF4) contains.

Hex(678EF4)	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(678EF4)

Conversions

Conversions Part 1

Format	Color
Hex	678EF4
RGB	103, 142, 244
RGB Percent	40%, 56%, 96%
CMY	0.5961, 0.4431, 0.0431
CMYK	0.58, 0.42, 0.00, 0.04
HSL	223°, 87%, 68%
HSV	223°, 58%, 96%
XYZ	31.5957, 28.7612, 89.4742
YIQ	141.9670, -55.9860, 23.4540

Conversions

Conversions Part 2

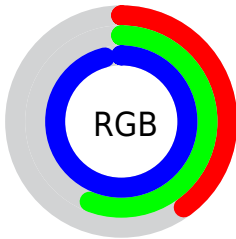
Format	Color
RYB	103, 134, 244
Decimal	6786804
CIELab	60.57, 16.32, -55.31
CIELCh	61, 57.670, 286.438
Yxy	28.7612, 0.2109, 0.1920
Android (android.graphics.Color)	4284976884 (0xFF678EF4)
YUV	141.9670, 50.3023, -34.1741
Hunter-Lab	53.6295, 11.3111, -61.3774

Details

The Hex color **678EF4** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F4CD67**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A3C3FF**, and **1E5CBB** is the 20% darker color. If you saturate the color by 10%, you get **4F7CF4**, and if you desaturate by 10%, it is **7FA0F4**.

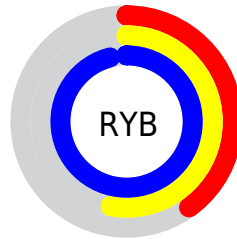
Distribution



Red (40%)

Green (56%)

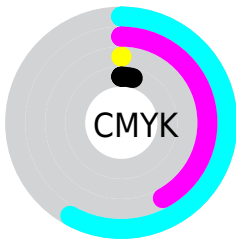
Blue (96%)



Red (40%)

Yellow (53%)

Blue (96%)

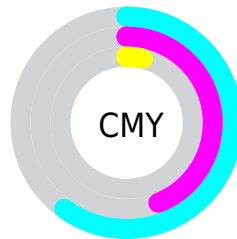


Cyan (58%)

Magenta (42%)

Yellow (0%)

Black (4%)



Cyan (60%)

Magenta (44%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 678EF4 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 678EF4 by changing the saturation by 10% instead.

 678EF4

 678EF4

FFFFFF

 4775D7

 A3C3FF

 1E5CBB

 C1DFFF

 0045A0

 DFFCFF

 003085

FDFFFF

 001C6B

 000052

 00063A

 000224

 00000B

■ 678EF4

■ 678EF4

■ 4F7CF4

■ 7FA0F4

■ 366BF4

■ 98B1F4

■ 1E59F4

■ B0C3F4

■ 0547F4

■ C9D5F4

■ 0043F4

■ E1E6F4

■ F9F8F4

■ FFFFF4

Harmonies

Analogous

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



009EF5



678EF4



B878D9

Triad

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



678EF4



E1734A



00A978

Complementary

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



678EF4



F4CD67

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.



57A348



678EF4



C08728

Square

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



678EF4



EF6478



929826



00ABAD

Rectangle

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



678EF4



D86BBC



929826



00A867

Sweetspot

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



678EF4



D4E0FF



67F4CC



666D80



000000



808080

Same Dimension

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



678EF4



4F80FF



8667F4



6E727A



0033BA



00103B

Inverse Universe

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



F4678E



FF4F80



D5F467



7A6E72



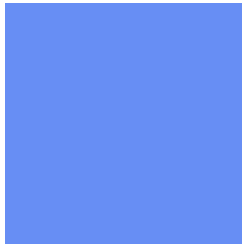
BA0033



3B0010

Previews

White Background



This preview shows how the Hex color 678EF4 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

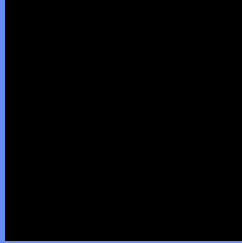
Any Text WCAG AA ✓ Pass

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 678EF4 Background



This preview shows how black text looks on a background with the Hex color 678EF4.



This preview shows how white text looks on a background with the Hex color 678EF4.

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](#).

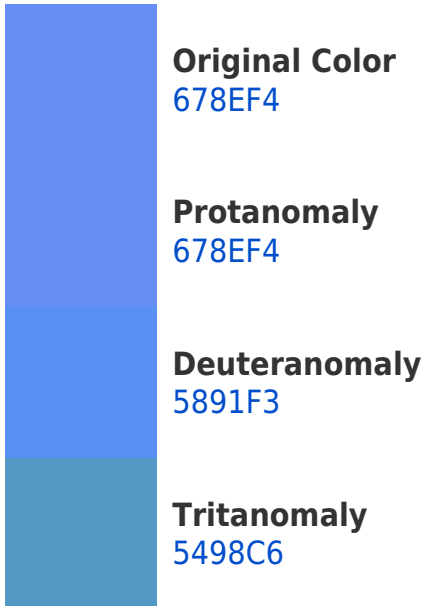
Dichromacy



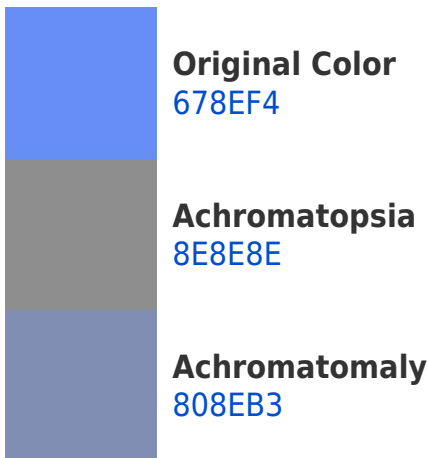


Tritanopia
499EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 678EF4 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 #678EF4 looks like.

```
.text, #text, p{  
    color:#678EF4  
}
```

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 #678EF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678EF4
}
```

Border

The CSS property to change the border of an element to Hex 678EF4 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
#678EF4 }
```

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

```
.border{ border-color:#678EF4 }
```

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

Here you see how a box with a 4 pixel #678EF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678EF4; -webkit-box-shadow:4px 4px  
4px 4px #678EF4; box-shadow:4px 4px 4px  
4px #678EF4 }
```

Background

The CSS property to change the background color of an element to Hex 678EF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678EF4 }
```

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

```
.background{ background-color:#678EF4 }
```

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](#).

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