

Converting Colors

Hex(648BEF)

Have a look what the booklet for
Hex(648BEF) contains.

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Color

Hex(648BEF)

Conversions

Conversions Part 1

Format	Color
Hex	648BEF
RGB	100, 139, 239
RGB Percent	39%, 55%, 94%
CMY	0.6078, 0.4549, 0.0627
CMYK	0.58, 0.42, 0.00, 0.06
HSL	223°, 81%, 66%
HSV	223°, 58%, 94%
XYZ	30.0681, 27.4066, 85.3666
YIQ	138.7390, -55.3440, 22.8320

Conversions

Conversions Part 2

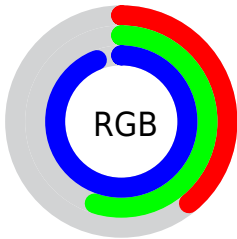
Format	Color
R _Y B	100, 130, 239
Decimal	6589423
CIE Lab	59.35, 15.91, -54.51
CIE LCh	59, 56.782, 286.273
Yxy	27.4066, 0.2105, 0.1919
Android (android.graphics.Color)	4284779503 (0xFF648BEF)
YUV	138.7390, 49.4287, -33.9741
Hunter-Lab	52.3513, 10.9074, -60.0353

Details

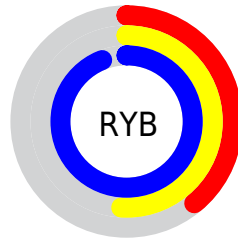
The Hex color **648BEF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EFC864**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A0C0FF**, and **1A5AB6** is the 20% darker color. If you saturate the color by 10%, you get **4C7AEF**, and if you desaturate by 10%, it is **7C9CEF**.

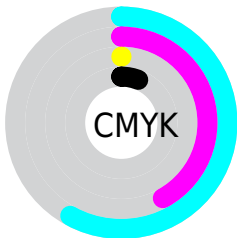
Distribution



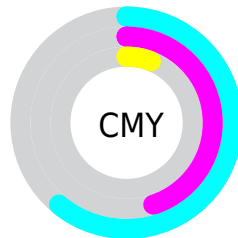
- Red (39%)
- Green (55%)
- Blue (94%)



- Red (39%)
- Yellow (51%)
- Blue (94%)



- Cyan (58%)
- Magenta (42%)
- Yellow (0%)
- Black (6%)



- Cyan (61%)
- Magenta (45%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 648BEF 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 648BEF by changing the saturation by 10% instead.

 648BEF

 648BEF

FFFFFF

 4472D2

 A0C0FF

 1A5AB6

 BEDCFF

 00439B

 DCF8FF

 002D80

 FAFFFF

 001A67

 00004E

 000536

 000220

 000004

■ 648BEF

■ 648BEF

■ 4C7AEF

■ 7C9CEF

■ 3469EF

■ 94ADEF

■ 1C57EF

■ ACBFEF

■ 0446EF

■ C4D0EF

■ 0043EF

■ DBE1EF

■ F3F2EF

■ FFFFEF

Harmonies

Analogous

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



009BF0



648BEF



B476D4

Triad

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



648BEF



DD7048



00A575

Complementary

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



648BEF



EFC864

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.



55A046



648BEF



BC8427

Square

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



648BEF



EA6176



8F9525



00A7A9

Rectangle

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



648BEF



D369B8



8F9525



00A465

Sweetspot

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



648BEF



D4E0FF



64EFC8



666D80



000000



808080

Same Dimension

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



648BEF



4D7FFF



8264EF



6C6F78



0034B8



001038

Inverse Universe

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



EF648B



FF4D7F



D1EF64



786C6F



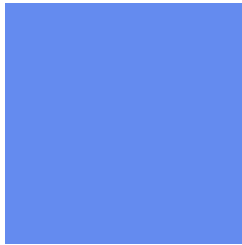
B80034



380010

Previews

White Background



This preview shows how the Hex color 648BEF looks on a white background.

Color Contrast Check

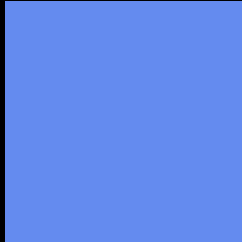
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 648BEF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

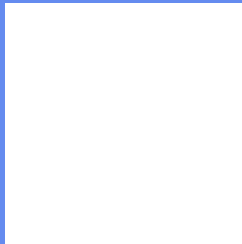
Any Text WCAG AAA × Fail

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

Hex 648BEF Background



This preview shows how black text looks on a background with the Hex color 648BEF.

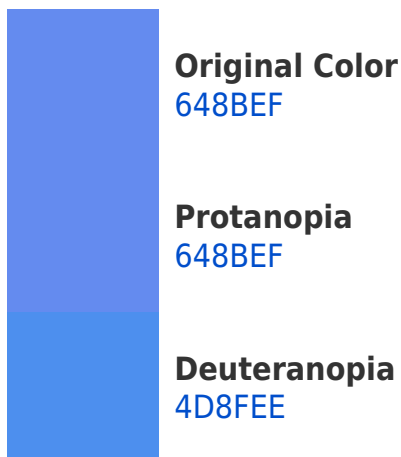


This preview shows how white text looks on a background with the Hex color 648BEF.

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](#).

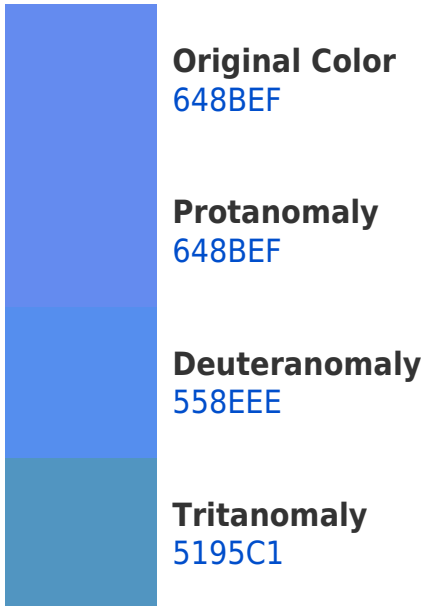
Dichromacy



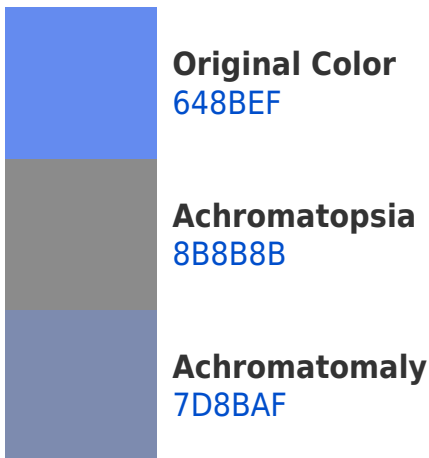


Tritanopia
469BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 648BEF 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 #648BEF looks like.

```
.text, #text, p{  
    color:#648BEF  
}
```

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 #648BEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648BEF
}
```

Border

The CSS property to change the border of an element to Hex 648BEF 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
#648BEF }
```

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

```
.border{ border-color:#648BEF }
```

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

Here you see how a box with a 4 pixel #648BEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648BEF; -webkit-box-shadow:4px 4px  
4px 4px #648BEF; box-shadow:4px 4px 4px  
4px #648BEF }
```

Background

The CSS property to change the background color of an element to Hex 648BEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648BEF }
```

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

```
.background{ background-color:#648BEF }
```

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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