

Converting Colors

Hex(618EF8)

Have a look what the booklet for
Hex(618EF8) contains.

Hex(618EF8)	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(618EF8)

Conversions

Conversions Part 1

Format	Color
Hex	618EF8
RGB	97, 142, 248
RGB Percent	38%, 56%, 97%
CMY	0.6196, 0.4431, 0.0275
CMYK	0.61, 0.43, 0.00, 0.03
HSL	222°, 92%, 68%
HSV	222°, 61%, 97%
XYZ	31.5460, 28.6647, 92.6771
YIQ	140.6290, -60.8460, 23.4260

Conversions

Conversions Part 2

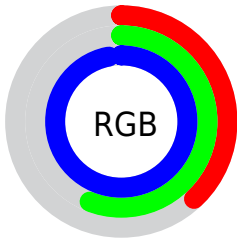
Format	Color
R _Y B	97, 132, 248
Decimal	6393592
CIE Lab	60.48, 16.51, -57.67
CIE LCh	60, 59.986, 285.974
Yxy	28.6647, 0.2063, 0.1875
Android (android.graphics.Color)	4284583672 (0xFF618EF8)
YUV	140.6290, 52.9339, -38.2626
Hunter-Lab	53.5394, 11.4803, -65.1538

Details

The Hex color **618EF8** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F8CB61**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **9FC3FF**, and **085CBF** is the 20% darker color. If you saturate the color by 10%, you get **487DF8**, and if you desaturate by 10%, it is **7A9FF8**.

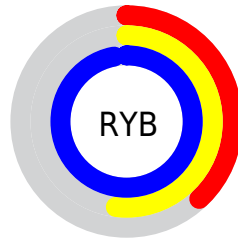
Distribution



Red (38%)

Green (56%)

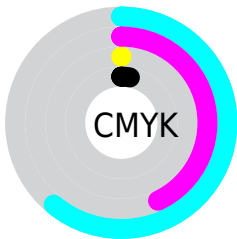
Blue (97%)



Red (38%)

Yellow (52%)

Blue (97%)

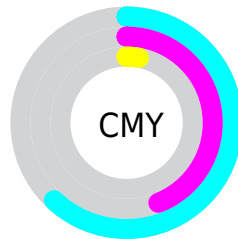


Cyan (61%)

Magenta (43%)

Yellow (0%)

Black (3%)



Cyan (62%)

Magenta (44%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 618EF8 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 618EF8 by changing the saturation by 10% instead.

■ 618EF8

FFFFFF

■ 9FC3FF

■ BDDFFF

■ DBFCFF

■ F9FFFF

■ 618EF8

■ 3F75DB

■ 085CBF

■ 0045A3

■ 003088

■ 001D6E

■ 000155

■ 00063D

■ 000326

■ 000110

■ 618EF8

■ 618EF8

■ 487DF8

■ 7A9FF8

■ 2F6BF8

■ 93B1F8

■ 175AF8

■ ABC2F8

■ 004AF8

■ C4D4F8

■ DDE5F8

■ F6F6F8

■ FFFF8

Harmonies

Analogous

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



009FF8



618EF8



B877DC

Triad

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



618EF8



E47147



00AA76

Complementary

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



618EF8



F8CB61

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.



54A344



618EF8



C28622

Square

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



618EF8



F26078



92981E



00ABAD

Rectangle

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



618EF8



DA69BE



92981E



00A864

Sweetspot

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



618EF8



D1DFFF



61F8CB



636C80



000000



808080

Same Dimension

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



618EF8



457CFF



7F61F8



70747D



0038BD



00123D

Inverse Universe

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



F8618E



FF457C



DAF861



7D7074



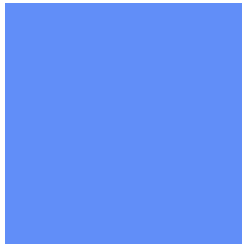
BD0038



3D0012

Previews

White Background



This preview shows how the Hex color 618EF8 looks on a white background.

Color Contrast Check

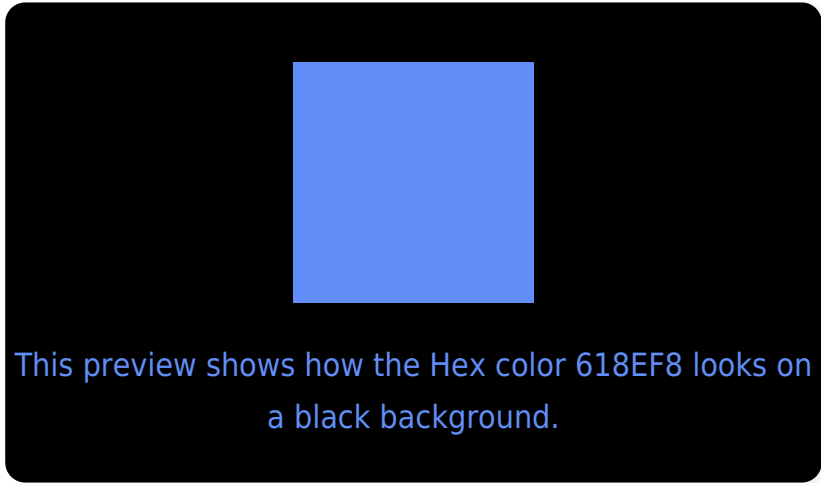
Large Text (above 18pt) WCAG AA ✓ Pass

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

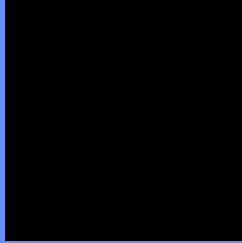
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

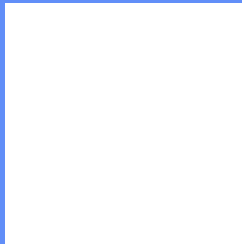
Any Text WCAG AAA × Fail

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

Hex 618EF8 Background



This preview shows how black text looks on a background with the Hex color 618EF8.



This preview shows how white text looks on a background with the Hex color 618EF8.

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



Original Color
618EF8

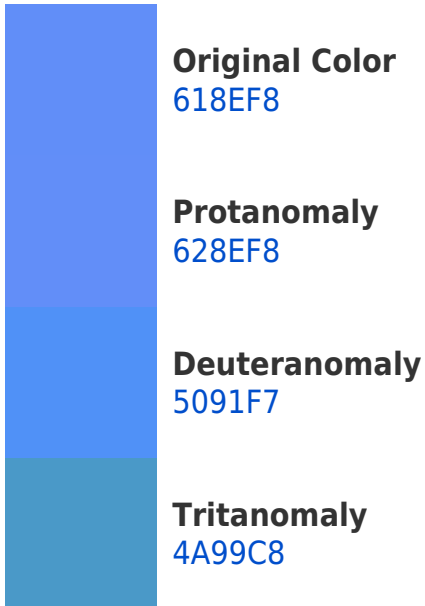
Protanopia
638EF8

Deuteranopia
4793F7

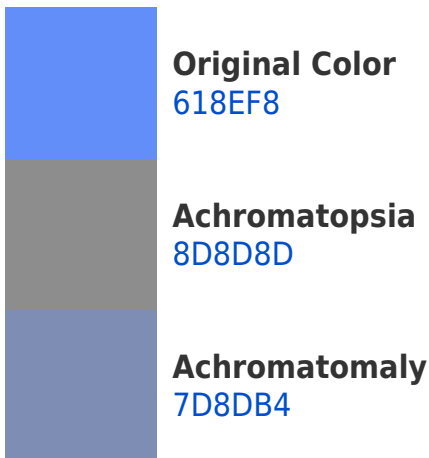


Tritanopia
3D9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 618EF8 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 #618EF8 looks like.

```
.text, #text, p{  
    color:#618EF8  
}
```

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 #618EF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #618EF8  
}
```

Border

The CSS property to change the border of an element to Hex 618EF8 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  
#618EF8 }
```

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

```
.border{ border-color:#618EF8 }
```

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

Here you see how a box with a 4 pixel #618EF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #618EF8; -webkit-box-shadow:4px 4px  
4px 4px #618EF8; box-shadow:4px 4px 4px  
4px #618EF8 }
```

Background

The CSS property to change the background color of an element to Hex 618EF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#618EF8 }
```

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

```
.background{ background-color:#618EF8 }
```

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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