

Converting Colors

Hex(618CF2)

Have a look what the booklet for
Hex(618CF2) contains.

| | |
|--|----|
| Hex(618CF2) | 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(618CF2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 618CF2 |
| RGB | 97, 140, 242 |
| RGB Percent | 38%, 55%, 95% |
| CMY | 0.6196, 0.4510, 0.0510 |
| CMYK | 0.60, 0.42, 0.00, 0.05 |
| HSL | 222°, 85%, 66% |
| HSV | 222°, 60%, 95% |
| XYZ | 30.3349, 27.7084, 87.7538 |
| YIQ | 138.7710, -58.3700, 22.6060 |

Conversions

Conversions Part 2

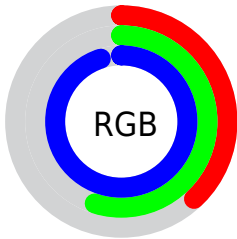
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 97, 130, 242 |
| Decimal | 6393074 |
| CIE _{Lab} | 59.62, 15.73, -55.74 |
| CIE _{LCh} | 60, 57.912, 285.758 |
| Yxy | 27.7084, 0.2081, 0.1900 |
| Android (android.graphics.Color) | 4284583154 (0xFF618CF2) |
| YUV | 138.7710, 50.8919, -36.6332 |
| Hunter-Lab | 52.6387, 10.7489, -61.9950 |

Details

The Hex color **618CF2** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F2C761**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **9EC1FF**, and **0F5BB9** is the 20% darker color. If you saturate the color by 10%, you get **497BF2**, and if you desaturate by 10%, it is **799DF2**.

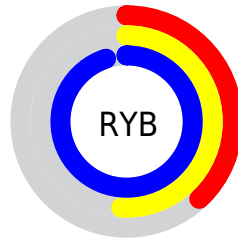
Distribution



Red (38%)

Green (55%)

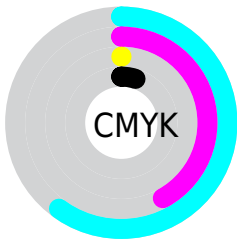
Blue (95%)



Red (38%)

Yellow (51%)

Blue (95%)

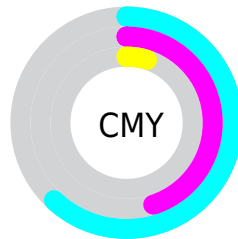


Cyan (60%)

Magenta (42%)

Yellow (0%)

Black (5%)



Cyan (62%)

Magenta (45%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 618CF2 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 618CF2 by changing the saturation by 10% instead.

618CF2

618CF2

FFFFFF

4073D5

9EC1FF

0F5BB9

BCDDFF

00449E

DAF9FF

002E83

F8FFFF

001B69

000051

000539

000222

000008

■ 618CF2

■ 618CF2

■ 497BF2

■ 799DF2

■ 316AF2

■ 91AEF2

■ 1859F2

■ AABFF2

■ 0048F2

■ C2D0F2

■ DAE1F2

■ F2F2F2

■ FFFFF2

Harmonies

Analogous

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



009CF2



618CF2



B476D7

Triad

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



618CF2



DF7048



00A675

Complementary

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



618CF2



F2C761

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.



55A144



618CF2



BE8426

Square

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



618CF2



EC6177



919522



00A8AA

Rectangle

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



618CF2



D569BA



919522



00A564

Sweetspot

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



618CF2



D1DFFF



61F2C7



636C80



000000



808080

Same Dimension

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



618CF2



477EFF



7E61F2



6C6F78



0036B8



001138

Inverse Universe

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



F2618C



FF477E



D5F261



786C6F



B80036



380011

Previews

White Background



This preview shows how the Hex color 618CF2 looks on a white background.

Color Contrast Check

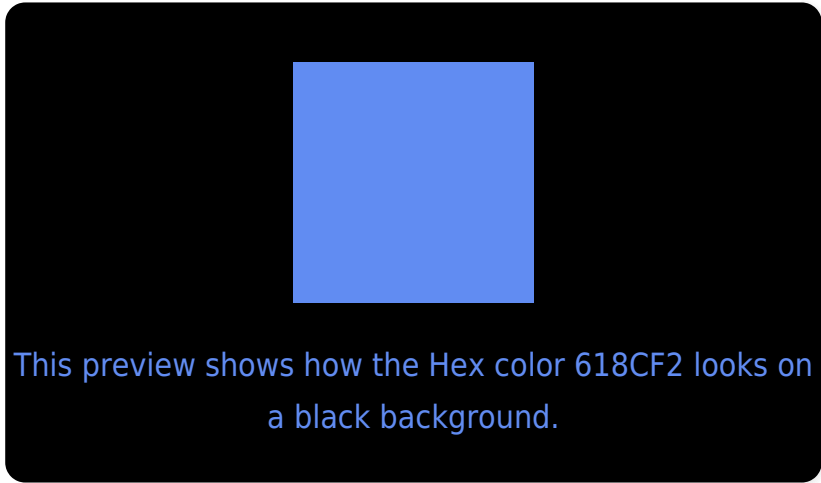
Large Text (above 18pt) WCAG AA ✓ Pass

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

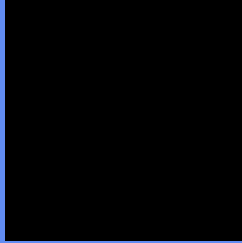
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

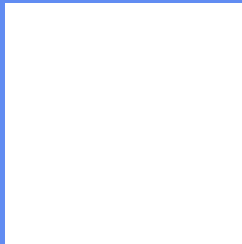
Any Text WCAG AAA × Fail

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

Hex 618CF2 Background



This preview shows how black text looks on a background with the Hex color 618CF2.

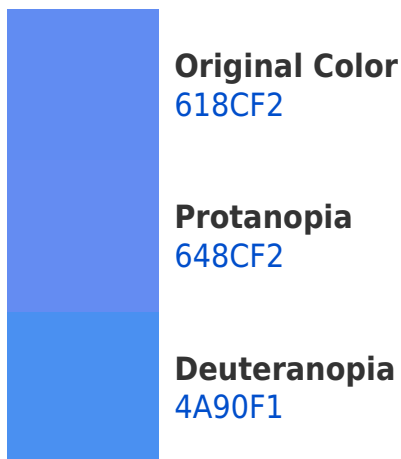


This preview shows how white text looks on a background with the Hex color 618CF2.

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](#).

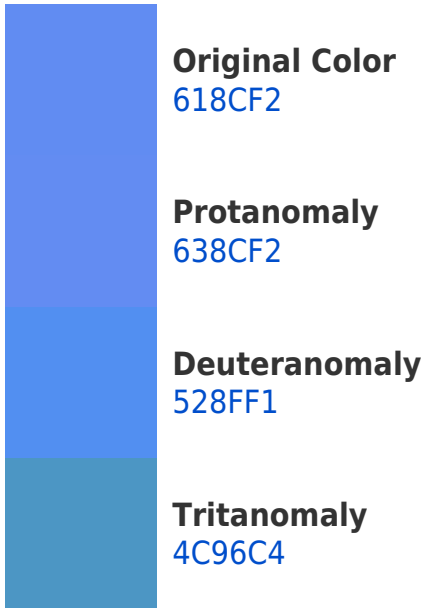
Dichromacy





Tritanopia
409CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 618CF2 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 #618CF2 looks like.

```
.text, #text, p{  
    color:#618CF2  
}
```

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 #618CF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #618CF2
}
```

Border

The CSS property to change the border of an element to Hex 618CF2 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
#618CF2 }
```

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

```
.border{ border-color:#618CF2 }
```

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

Here you see how a box with a 4 pixel #618CF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #618CF2; -webkit-box-shadow:4px 4px  
4px 4px #618CF2; box-shadow:4px 4px 4px  
4px #618CF2 }
```

Background

The CSS property to change the background color of an element to Hex 618CF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#618CF2 }
```

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

```
.background{ background-color:#618CF2 }
```

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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