

Converting Colors

Hex(6498F3)

Have a look what the booklet for
Hex(6498F3) contains.

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Color

Hex(6498F3)

Conversions

Conversions Part 1

Format	Color
Hex	6498F3
RGB	100, 152, 243
RGB Percent	39%, 60%, 95%
CMY	0.6078, 0.4039, 0.0471
CMYK	0.59, 0.37, 0.00, 0.05
HSL	218°, 86%, 67%
HSV	218°, 59%, 95%
XYZ	32.6614, 31.6369, 89.1791
YIQ	146.8260, -60.2030, 17.2770

Conversions

Conversions Part 2

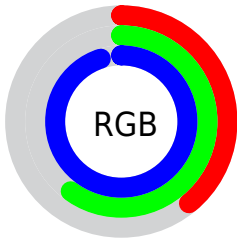
Format	Color
RYB	100, 138, 243
Decimal	6592755
CIELab	63.04, 9.52, -50.85
CIElCh	63, 51.729, 280.604
Yxy	31.6369, 0.2128, 0.2061
Android (android.graphics.Color)	4284782835 (0xFF6498F3)
YUV	146.8260, 47.4138, -41.0664
Hunter-Lab	56.2467, 5.2201, -54.6317

Details

The Hex color **6498F3** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F3BF64**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A0CEFF**, and **1866BA** is the 20% darker color. If you saturate the color by 10%, you get **4C89F3**, and if you desaturate by 10%, it is **7CA7F3**.

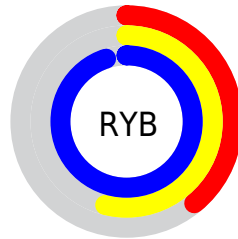
Distribution



Red (39%)

Green (60%)

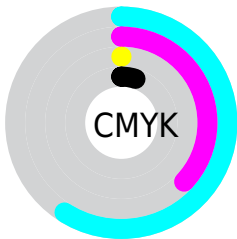
Blue (95%)



Red (39%)

Yellow (54%)

Blue (95%)

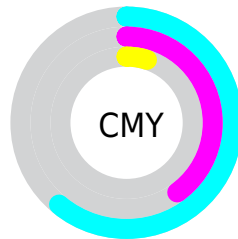


Cyan (59%)

Magenta (37%)

Yellow (0%)

Black (5%)



Cyan (61%)

Magenta (40%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6498F3 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 6498F3 by changing the saturation by 10% instead.

 6498F3

 6498F3

FFFFFF

 437ED6

 A0CEFF

 1866BA

 BEEAFF

 004E9F

 DCFFFF

 003884

 FAFFFF

 00246B

 000E52

 00053A

 000223

 00000B

■ 6498F3

■ 6498F3

■ 4C89F3

■ 7CA7F3

■ 3379F3

■ 95B7F3

■ 1B6AF3

■ ADC6F3

■ 035AF3

■ C5D6F3

■ 0058F3

■ DDE5F3

■ F6F5F3

■ FFFFF3

Harmonies

Analogous

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



00A6EF



6498F3



B186DF

Triad

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



6498F3



E67A5F



1CAD78

Complementary

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



6498F3



F3BF64

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.



71A74F



6498F3



CB8B40

Square

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



6498F3



EE708A



A39B39



00B0A8

Rectangle

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



6498F3



D27AC6



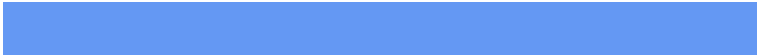
A39B39



44AC69

Sweetspot

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



6498F3



D1E2FF



64F3BF



636E80



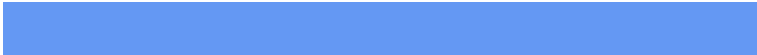
000000



808080

Same Dimension

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



6498F3



4A8CFF



7764F3



6E737A



0044BA



00153B

Inverse Universe

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



F36498



FF4A8C



E0F364



7A6E73



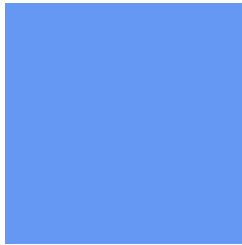
BA0044



3B0015

Previews

White Background



This preview shows how the Hex color 6498F3 looks on a white background.

Color Contrast Check

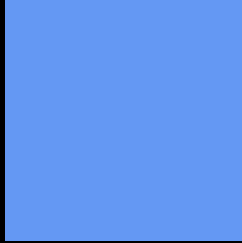
Large Text (above 18pt) WCAG AA × Fail

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 6498F3 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

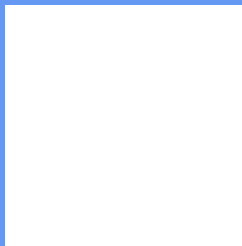
Any Text WCAG AAA ✓ Pass

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

Hex 6498F3 Background



This preview shows how black text looks on a background with the Hex color 6498F3.



This preview shows how white text looks on a background with the Hex color 6498F3.

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](#).

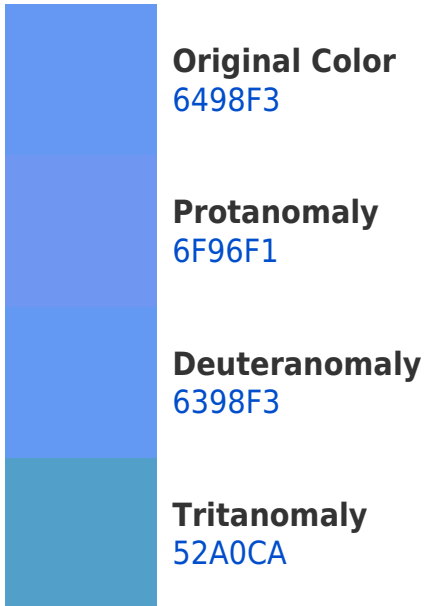
Dichromacy



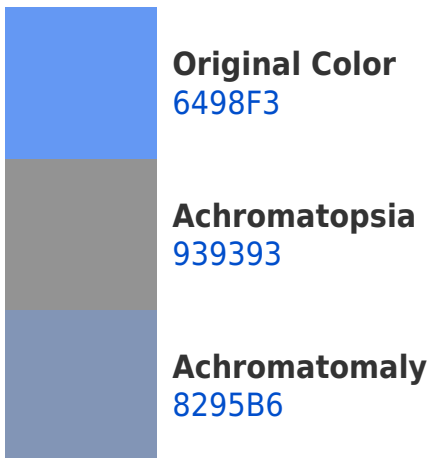


Tritanopia
48A5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6498F3 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 #6498F3 looks like.

```
.text, #text, p{  
    color:#6498F3  
}
```

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 #6498F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6498F3
}
```

Border

The CSS property to change the border of an element to Hex 6498F3 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
#6498F3 }
```

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

```
.border{ border-color:#6498F3 }
```

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

Here you see how a box with a 4 pixel #6498F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6498F3; -webkit-box-shadow:4px 4px  
4px 4px #6498F3; box-shadow:4px 4px 4px  
4px #6498F3 }
```

Background

The CSS property to change the background color of an element to Hex 6498F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6498F3 }
```

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

```
.background{ background-color:#6498F3 }
```

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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