

Converting Colors

Hex(4C78F1)

Have a look what the booklet for
Hex(4C78F1) contains.

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Color

Hex(4C78F1)

Conversions

Conversions Part 1

Format	Color
Hex	4C78F1
RGB	76, 120, 241
RGB Percent	30%, 47%, 95%
CMY	0.7020, 0.5294, 0.0549
CMYK	0.68, 0.50, 0.00, 0.05
HSL	224°, 85%, 62%
HSV	224°, 68%, 95%
XYZ	25.5741, 21.3203, 85.9864
YIQ	120.6380, -65.0650, 28.3030

Conversions

Conversions Part 2

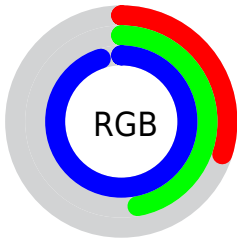
Format	Color
R_{YB}	76, 111, 241
Decimal	5011697
CIE _{Lab}	53.30, 24.09, -65.38
CIE _{LCh}	53, 69.682, 290.228
Yxy	21.3203, 0.1925, 0.1604
Android (android.graphics.Color)	4283201777 (0xFF4C78F1)
YUV	120.6380, 59.3385, -39.1475
Hunter-Lab	46.1739, 18.0606, -78.0898

Details

The Hex color **4C78F1** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **F1C54C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **8EACFF**, and **0048B8** is the 20% darker color. If you saturate the color by 10%, you get **3466F1**, and if you desaturate by 10%, it is **648AF1**.

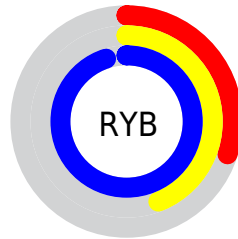
Distribution



Red (30%)

Green (47%)

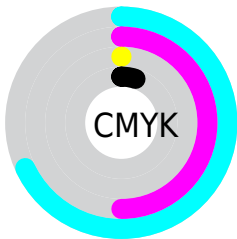
Blue (95%)



Red (30%)

Yellow (44%)

Blue (95%)

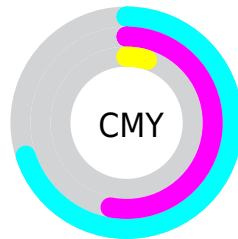


Cyan (68%)

Magenta (50%)

Yellow (0%)

Black (5%)



Cyan (70%)

Magenta (53%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C78F1 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 4C78F1 by changing the saturation by 10% instead.

 4C78F1

 4C78F1

FFFFFF

 2060D4

 8EACFF

 0048B8

 ACC7FF

 00339C

 CBE3FF


 001F82

 EAFFFF

 000A68

 000A4F

 000537

 000221

 000005

■ 4C78F1

■ 4C78F1

■ 3466F1

■ 648AF1

■ 1C55F1

■ 7C9BF1

■ 0443F1

■ 94ADF1

■ 0040F1

■ ACBFF1

■ C5D0F1

■ DDE2F1

■ F5F4F1

■ FFFFF1

Harmonies

Analogous

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



008CF6



4C78F1



B35ACD

Triad

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



4C78F1



D35B21



009969

Complementary

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



4C78F1



F1C54C

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.



13932A



4C78F1



AA7600

Square

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



4C78F1



E73F5A



738900



009AA7

Rectangle

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



4C78F1



D545A9



738900



009754

Sweetspot

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



4C78F1



C9D8FF



4CF1C5



606880



000000



808080

Same Dimension

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



4C78F1



2E66FF



734CF1



6C6F78



0031B8



000F38

Inverse Universe

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



F14C78



FF2E66



CAF14C



786C6F



B80031



38000F

Previews

White Background



This preview shows how the Hex color 4C78F1 looks on a white background.

Color Contrast Check

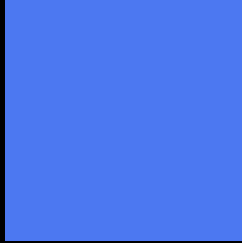
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C78F1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

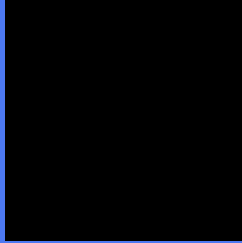
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

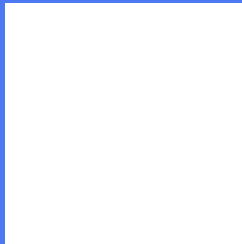
Any Text WCAG AAA × Fail

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

Hex 4C78F1 Background



This preview shows how black text looks on a background with the Hex color 4C78F1.



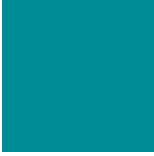
This preview shows how white text looks on a background with the Hex color 4C78F1.

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](#).

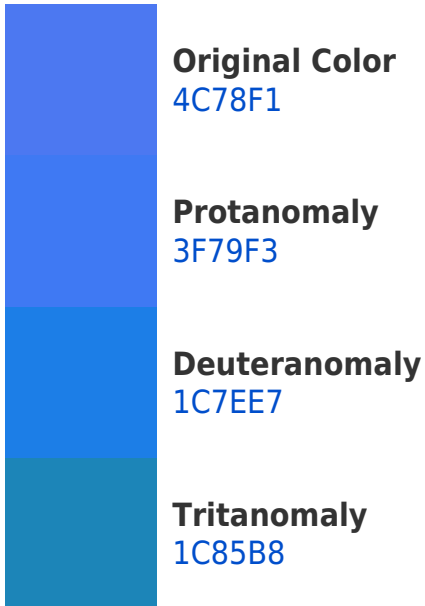
Dichromacy



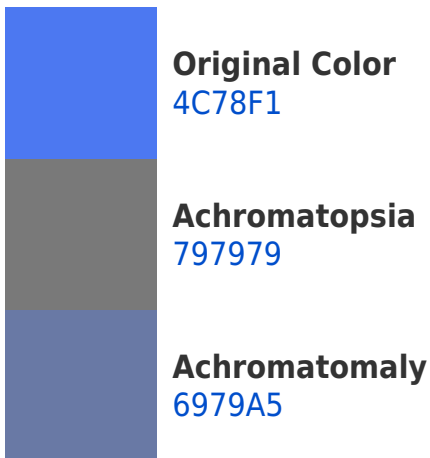


Tritanopia
008C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C78F1 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 #4C78F1 looks like.

```
.text, #text, p{  
    color:#4C78F1  
}
```

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 #4C78F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C78F1
}
```

Border

The CSS property to change the border of an element to Hex 4C78F1 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
#4C78F1 }
```

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

```
.border{ border-color:#4C78F1 }
```

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

Here you see how a box with a 4 pixel #4C78F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C78F1; -webkit-box-shadow:4px 4px  
4px 4px #4C78F1; box-shadow:4px 4px 4px  
4px #4C78F1 }
```

Background

The CSS property to change the background color of an element to Hex 4C78F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C78F1 }
```

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

```
.background{ background-color:#4C78F1 }
```

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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