

Converting Colors

Hex(4C97F2)

Have a look what the booklet for
Hex(4C97F2) contains.

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Color

Hex(4C97F2)

Conversions

Conversions Part 1

Format	Color
Hex	4C97F2
RGB	76, 151, 242
RGB Percent	30%, 59%, 95%
CMY	0.7020, 0.4078, 0.0510
CMYK	0.69, 0.38, 0.00, 0.05
HSL	213°, 86%, 62%
HSV	213°, 69%, 95%
XYZ	30.0741, 30.0805, 88.2254
YIQ	138.9490, -73.9110, 12.4010

Conversions

Conversions Part 2

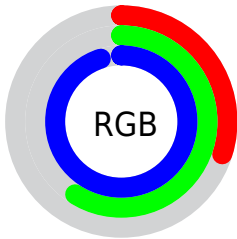
Format	Color
R _Y B	76, 128, 242
Decimal	5019634
CIE Lab	61.72, 5.70, -52.45
CIE LCh	62, 52.757, 276.199
Yxy	30.0805, 0.2027, 0.2027
Android (android.graphics.Color)	4283209714 (0xFF4C97F2)
YUV	138.9490, 50.8041, -55.2063
Hunter-Lab	54.8457, 1.8987, -56.9826

Details

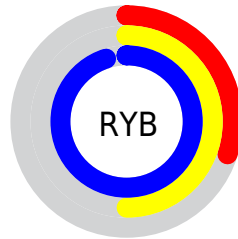
The Hex color **4C97F2** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **F2A74C**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **8DCDFF**, and **0065B9** is the 20% darker color. If you saturate the color by 10%, you get **348AF2**, and if you desaturate by 10%, it is **64A4F2**.

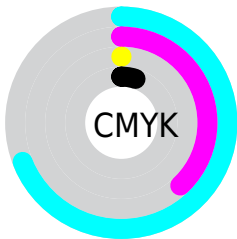
Distribution



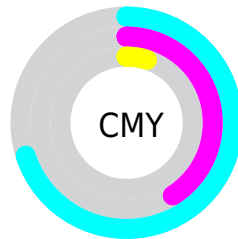
- Red (30%)
- Green (59%)
- Blue (95%)



- Red (30%)
- Yellow (50%)
- Blue (95%)



- Cyan (69%)
- Magenta (38%)
- Yellow (0%)
- Black (5%)



- Cyan (70%)
- Magenta (41%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C97F2 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 4C97F2 by changing the saturation by 10% instead.

■ 4C97F2

■ 4C97F2

FFFFFF

■ 207DD5

■ 8DCDFF

■ 0065B9

■ ACE9FF

■ 004D9E

■ CAFFFF

■ 003783

■ E9FFFF

■ 00236A

■ 000C51

■ 000539

■ 000223

■ 000009

■ 4C97F2

■ 4C97F2

■ 348AF2

■ 64A4F2

■ 1C7CF2

■ 7CB2F2

■ 036FF2

■ 95BFF2

■ 006DF2

■ ADCCF2

■ C5D9F2

■ DDE7F2

■ F5F4F2

■ FFFFF2

Harmonies

Analogous

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



00A4EA



4C97F2



A585E1

Triad

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



4C97F2



E67460



28A96E

Complementary

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



4C97F2



F2A74C

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.



75A246



4C97F2



CD853E

Square

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



4C97F2



EB6B8D



A69632



00AC9E

Rectangle

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



4C97F2



C978CA



A69632



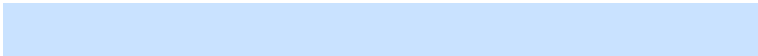
4AA75F

Sweetspot

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



4C97F2



C9E2FF



4CF2A5



606E80



000000



808080

Same Dimension

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



4C97F2



2E8CFF



524CF2



6C7178



0053B8



001938

Inverse Universe

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



F24C97



FF2E8C



ECF24C



786C71



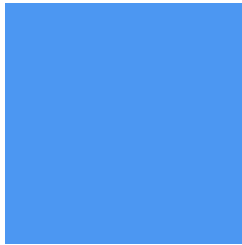
B80053



380019

Previews

White Background



This preview shows how the Hex color 4C97F2 looks on a white background.

Color Contrast Check

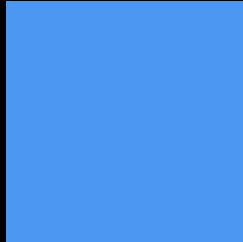
Large Text (above 18pt) WCAG AA × Fail

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 4C97F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

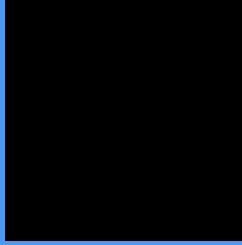
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

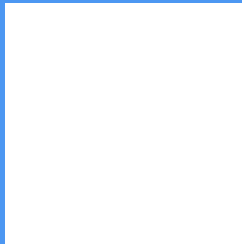
Any Text WCAG AAA ✓ Pass

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

Hex 4C97F2 Background



This preview shows how black text looks on a background with the Hex color 4C97F2.

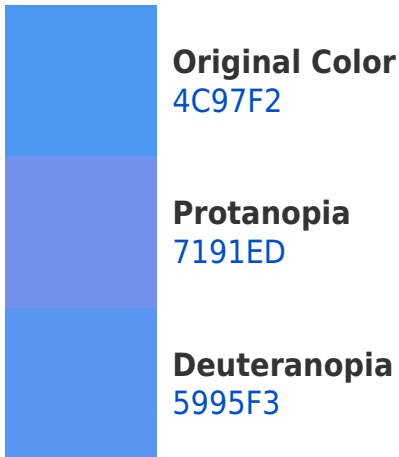


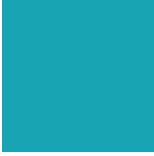
This preview shows how white text looks on a background with the Hex color 4C97F2.

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](#).

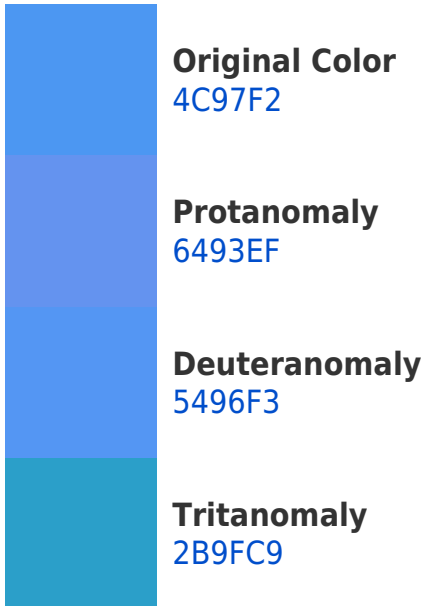
Dichromacy



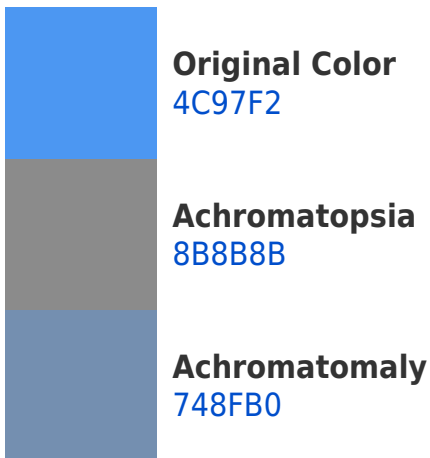


Tritanopia
18A4B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C97F2 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 #4C97F2 looks like.

```
.text, #text, p{  
    color:#4C97F2  
}
```

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 #4C97F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C97F2
}
```

Border

The CSS property to change the border of an element to Hex 4C97F2 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
#4C97F2 }
```

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

```
.border{ border-color:#4C97F2 }
```

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

Here you see how a box with a 4 pixel #4C97F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C97F2; -webkit-box-shadow:4px 4px  
4px 4px #4C97F2; box-shadow:4px 4px 4px  
4px #4C97F2 }
```

Background

The CSS property to change the background color of an element to Hex 4C97F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C97F2 }
```

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

```
.background{ background-color:#4C97F2 }
```

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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