

Converting Colors

Hex(4C6AF7)

Have a look what the booklet for
Hex(4C6AF7) contains.

Hex(4C6AF7)	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(4C6AF7)

Conversions

Conversions Part 1

Format	Color
Hex	4C6AF7
RGB	76, 106, 247
RGB Percent	30%, 42%, 97%
CMY	0.7020, 0.5843, 0.0314
CMYK	0.69, 0.57, 0.00, 0.03
HSL	229°, 91%, 63%
HSV	229°, 69%, 97%
XYZ	24.9230, 18.5600, 90.2645
YIQ	113.1040, -63.1410, 37.4910

Conversions

Conversions Part 2

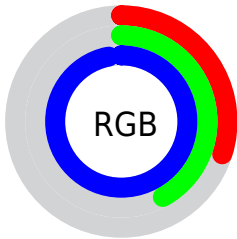
Format	Color
RYB	76, 102, 247
Decimal	5008119
CIELab	50.17, 34.82, -73.80
CIElCh	50, 81.600, 295.260
Yxy	18.5600, 0.1863, 0.1388
Android (android.graphics.Color)	4283198199 (0xFF4C6AF7)
YUV	113.1040, 66.0107, -32.5402
Hunter-Lab	43.0813, 27.8721, -94.0684

Details

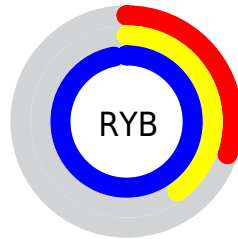
The Hex color **4C6AF7** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **F7D94C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **8F9DFF**, and **003CBD** is the 20% darker color. If you saturate the color by 10%, you get **3356F7**, and if you desaturate by 10%, it is **657EF7**.

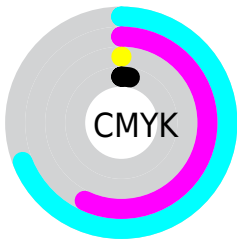
Distribution



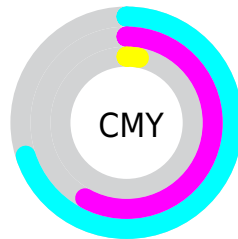
- Red (30%)
- Green (42%)
- Blue (97%)



- Red (30%)
- Yellow (40%)
- Blue (97%)



- Cyan (69%)
- Magenta (57%)
- Yellow (0%)
- Black (3%)



- Cyan (70%)
- Magenta (58%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C6AF7 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 4C6AF7 by changing the saturation by 10% instead.

 4C6AF7

 4C6AF7

FFFFFF

 1C52DA

 8F9DFF

 003CBD

 AFB8FF

 0027A2

 CED3FF

 001587

 EDF0FF

 00006D

 000B53

 00063B

 000224

 00000C

■ 4C6AF7

■ 4C6AF7

■ 3356F7

■ 657EF7

■ 1B41F7

■ 7D93F7

■ 022DF7

■ 96A7F7

■ 002BF7

■ AFBBF7

■ C7D0F7

■ E0E4F7

■ F9F9F7

■ FFFFF7

Harmonies

Analogous

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



0084FF



4C6AF7



BD3FC8

Triad

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



4C6AF7



CC5000



00936A

Complementary

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



4C6AF7



F7D94C

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.



008F1B



4C6AF7



9B7100

Square

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



4C6AF7



EA1A41



588500



0094B1

Rectangle

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



4C6AF7



DF139D



588500



009251

Sweetspot

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



4C6AF7



C9D3FF



4CF7D8



606580



000000



808080

Same Dimension

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



4C6AF7



2B50FF



824CF7



6E707A



0021BA



000A3B

Inverse Universe

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



F74C6A



FF2B50



C1F74C



7A6E70



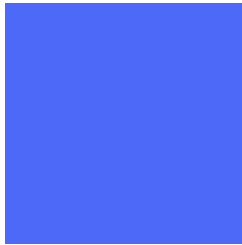
BA0021



3B000A

Previews

White Background



This preview shows how the Hex color 4C6AF7 looks on a white background.

Color Contrast Check

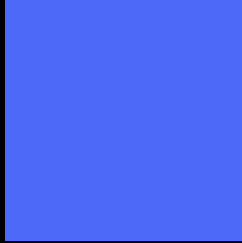
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C6AF7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

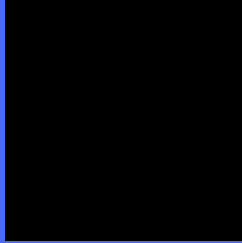
Any Text WCAG AA ✓ Pass

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 4C6AF7 Background



This preview shows how black text looks on a background with the Hex color 4C6AF7.



This preview shows how white text looks on a background with the Hex color 4C6AF7.

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](#).

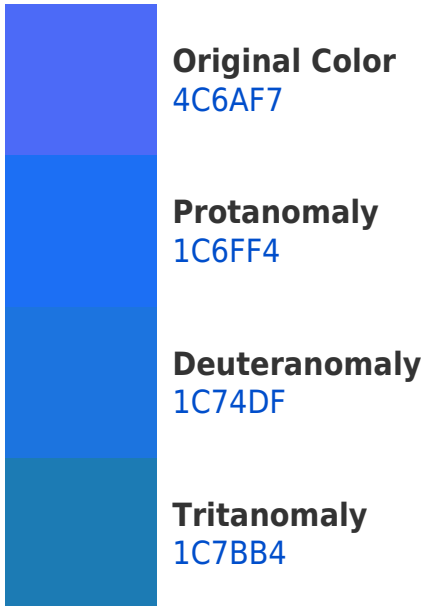
Dichromacy



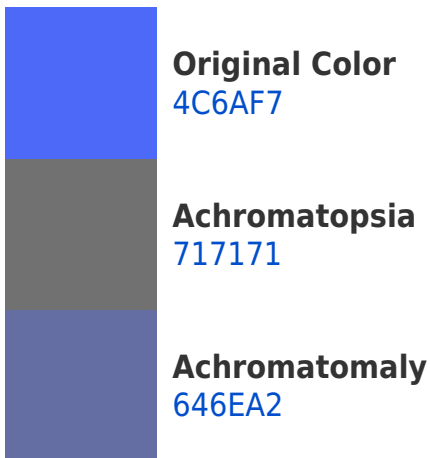


Tritanopia
00848D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C6AF7 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 #4C6AF7 looks like.

```
.text, #text, p{  
    color:#4C6AF7  
}
```

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 #4C6AF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6AF7
}
```

Border

The CSS property to change the border of an element to Hex 4C6AF7 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
#4C6AF7 }
```

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

```
.border{ border-color:#4C6AF7 }
```

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

Here you see how a box with a 4 pixel #4C6AF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6AF7; -webkit-box-shadow:4px 4px  
4px 4px #4C6AF7; box-shadow:4px 4px 4px  
4px #4C6AF7 }
```

Background

The CSS property to change the background color of an element to Hex 4C6AF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6AF7 }
```

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

```
.background{ background-color:#4C6AF7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor