

Converting Colors

Hex(4C57F3)

Have a look what the booklet for
Hex(4C57F3) contains.

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Color

Hex(4C57F3)

Conversions

Conversions Part 1

Format	Color
Hex	4C57F3
RGB	76, 87, 243
RGB Percent	30%, 34%, 95%
CMY	0.7020, 0.6588, 0.0471
CMYK	0.69, 0.64, 0.00, 0.05
HSL	236°, 87%, 63%
HSV	236°, 69%, 95%
XYZ	22.5663, 14.8240, 86.4660
YIQ	101.4950, -56.6320, 46.1840

Conversions

Conversions Part 2

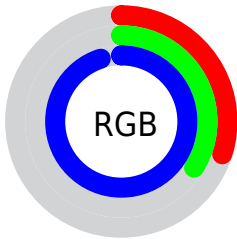
Format	Color
R_{YB}	76, 86, 243
Decimal	5003251
CIE _{Lab}	45.39, 44.99, -79.36
CIE _{LCh}	45, 91.223, 299.547
Yxy	14.8240, 0.1822, 0.1197
Android (android.graphics.Color)	4283193331 (0xFF4C57F3)
YUV	101.4950, 69.7620, -22.3591
Hunter-Lab	38.5019, 37.2424, -106.1997

Details

The Hex color **4C57F3** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **F3E84C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9089FF**, and **0029B9** is the 20% darker color. If you saturate the color by 10%, you get **3440F3**, and if you desaturate by 10%, it is **646EF3**.

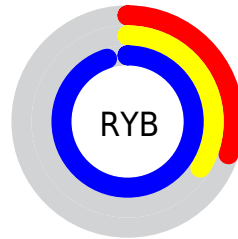
Distribution



Red (30%)

Green (34%)

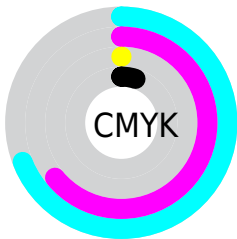
Blue (95%)



Red (30%)

Yellow (34%)

Blue (95%)

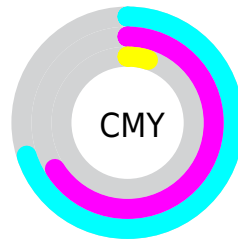


Cyan (69%)

Magenta (64%)

Yellow (0%)

Black (5%)



Cyan (70%)

Magenta (66%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C57F3 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 4C57F3 by changing the saturation by 10% instead.

 4C57F3

 4C57F3

FFFFFF

 1B3FD6

 9089FF

 0029B9

 AFA4FF

 00159E

 CEBFFF

 000383

 EDDBFF

 000069

 FFF7FF

 000A4F

 000537

 000221

 000006

 4C57F3

 4C57F3

 3440F3

 646EF3

 1B2AF3

 7D84F3

 0313F3

 959BF3

 0010F3

 ADB2F3

 C5C8F3

 DEDFF3

 F6F6F3

 FFFFF3

Harmonies

Analogous

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



0077FF



4C57F3



C000BA

Triad

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



4C57F3



BE4300



008868

Complementary

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



4C57F3



F3E84C

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.



00840A



4C57F3



846900

Square

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



4C57F3



E20026



337C00



0089B6

Rectangle

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



4C57F3



E0008A



337C00



00874D

Sweetspot

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



4C57F3



C9CDFF



4CF3E8



606280



000000



808080

Same Dimension

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



4C57F3



2E3CFF



944CF3



6E6F7A



000CBA



00043B

Inverse Universe

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



F34C57



FF2E3C



ABF34C



7A6E6F



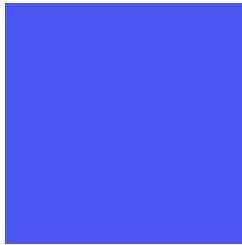
BA000C



3B0004

Previews

White Background



This preview shows how the Hex color 4C57F3 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

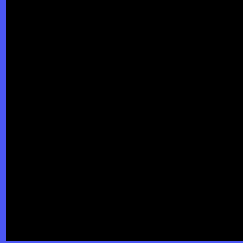
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 4C57F3 Background



This preview shows how black text looks on a background with the Hex color 4C57F3.

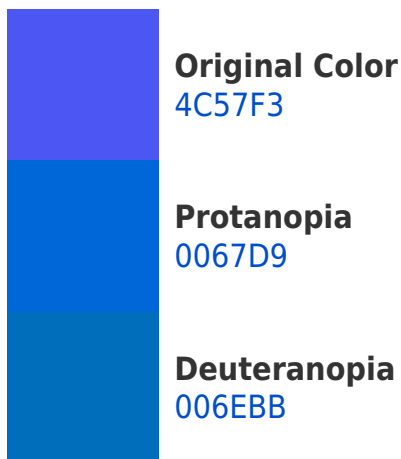


This preview shows how white text looks on a background with the Hex color 4C57F3.

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](#).

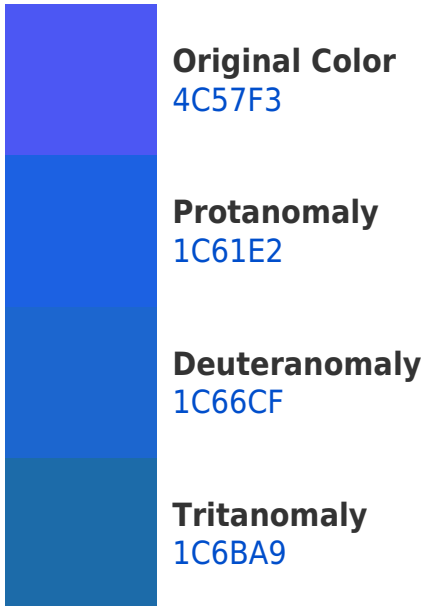
Dichromacy





Tritanopia
00767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C57F3 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 #4C57F3 looks like.

```
.text, #text, p{  
    color:#4C57F3  
}
```

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 #4C57F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C57F3
}
```

Border

The CSS property to change the border of an element to Hex 4C57F3 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
#4C57F3 }
```

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

```
.border{ border-color:#4C57F3 }
```

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

Here you see how a box with a 4 pixel #4C57F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C57F3; -webkit-box-shadow:4px 4px  
4px 4px #4C57F3; box-shadow:4px 4px 4px  
4px #4C57F3 }
```

Background

The CSS property to change the background color of an element to Hex 4C57F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C57F3 }
```

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

```
.background{ background-color:#4C57F3 }
```

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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