

# Converting Colors

Hex(4C62F1)

Have a look what the booklet for  
Hex(4C62F1) contains.

<b>Hex(4C62F1)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(4C62F1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C62F1
RGB	76, 98, 241
RGB Percent	30%, 38%, 95%
CMY	0.7020, 0.6157, 0.0549
CMYK	0.68, 0.59, 0.00, 0.05
HSL	232°, 85%, 62%
HSV	232°, 68%, 95%
XYZ	23.2254, 16.6227, 85.2035
YIQ	107.7240, -59.0150, 39.8090

# Conversions

## Conversions Part 2

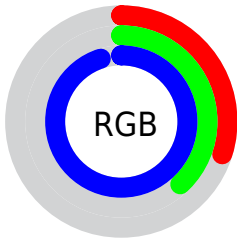
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 95, 241
Decimal	5006065
CIE <sub>Lab</sub>	47.78, 37.67, -74.33
CIE <sub>LCh</sub>	48, 83.336, 296.876
Yxy	16.6227, 0.1857, 0.1329
Android (android.graphics.Color)	4283196145 (0xFF4C62F1)
YUV	107.7240, 65.7051, -27.8219
Hunter-Lab	40.7710, 30.3340, -95.3649

# Details

The Hex color **4C62F1** 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 **F1DB4C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **8F95FF**, and **0034B8** is the 20% darker color. If you saturate the color by 10%, you get **344DF1**, and if you desaturate by 10%, it is **6477F1**.

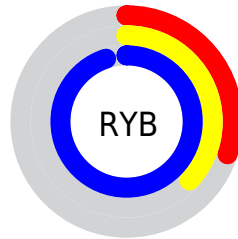
# Distribution



Red (30%)

Green (38%)

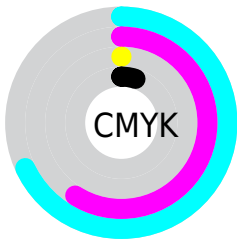
Blue (95%)



Red (30%)

Yellow (37%)

Blue (95%)

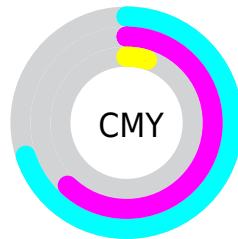


Cyan (68%)

Magenta (59%)

Yellow (0%)

Black (5%)



Cyan (70%)

Magenta (62%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C62F1 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 4C62F1 by changing the saturation by 10% instead.



 4C62F1

 4C62F1

FFFFFF

 1E4AD4

 8F95FF

 0034B8

 AEAFFF

 00209C

 CDCBFF

 000E81

 ECE7FF

 000067

 000A4E

 000536

 000220

 000004

■ 4C62F1

■ 4C62F1

■ 344DF1

■ 6477F1

■ 1C38F1

■ 7C8CF1

■ 0423F1

■ 94A1F1

■ 0020F1

■ ACB6F1

■ C5CAF1

■ DDDFF1

■ F5F4F1

■ FFFFF1

# Harmonies

## Analogous

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



007EFF



4C62F1



BB31C0

# Triad

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



4C62F1



C44B00



008D68

# Complementary

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



4C62F1



F1DB4C

# 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.



008916



4C62F1



916C00

# Square

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



4C62F1



E30037



4B7F00



008EB0

# Rectangle

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



4C62F1



DB0093



4B7F00



008C4F



# Sweetspot

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



4C62F1



C9D1FF



4CF1DB



606480



000000



808080



# Same Dimension

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



4C62F1



2E4AFF



884CF1



6C6D78



0018B8



000738



# Inverse Universe

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



F14C62



FF2E4A



B4F14C



786C6D



B80018

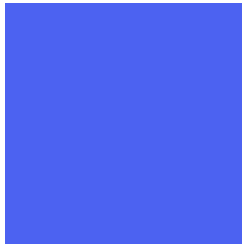


380007



# Previews

## White Background



This preview shows how the Hex color 4C62F1 looks on a white background.

## Color Contrast Check

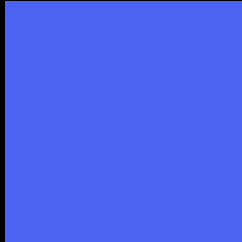
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 4C62F1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

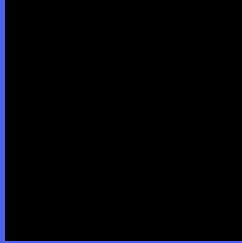
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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



## Hex 4C62F1 Background



This preview shows how black text looks on a background with the Hex color 4C62F1.



This preview shows how white text looks on a background with the Hex color 4C62F1.

# 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](#).

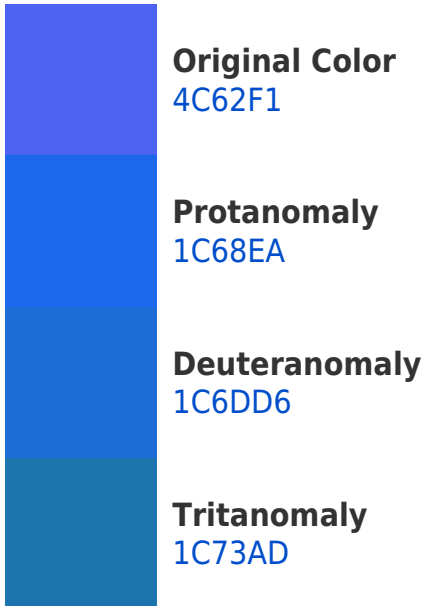
## Dichromacy





**Tritanopia**  
007D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C62F1 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 #4C62F1 looks like.

```
.text, #text, p{  
    color:#4C62F1  
}
```

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 #4C62F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C62F1
}
```

## Border

The CSS property to change the border of an element to Hex 4C62F1 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
#4C62F1 }
```

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

```
.border{ border-color:#4C62F1 }
```

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

Here you see how a box with a 4 pixel #4C62F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C62F1; -webkit-box-shadow:4px 4px  
4px 4px #4C62F1; box-shadow:4px 4px 4px  
4px #4C62F1 }
```

# Background

The CSS property to change the background color of an element to Hex 4C62F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C62F1 }
```

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

```
.background{ background-color:#4C62F1 }
```

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