

Converting Colors

Hex(4C4CF5)

Have a look what the booklet for
Hex(4C4CF5) contains.

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Color

Hex(4C4CF5)

Conversions

Conversions Part 1

Format	Color
Hex	4C4CF5
RGB	76, 76, 245
RGB Percent	30%, 30%, 96%
CMY	0.7020, 0.7020, 0.0392
CMYK	0.69, 0.69, 0.00, 0.04
HSL	240°, 89%, 63%
HSV	240°, 69%, 96%
XYZ	22.0464, 13.2980, 87.7910
YIQ	95.2660, -54.2490, 52.5590

Conversions

Conversions Part 2

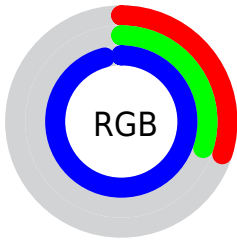
Format	Color
R_{YB}	76, 76, 245
Decimal	5000437
CIE _{Lab}	43.21, 52.00, -84.06
CIE _{LCh}	43, 98.848, 301.740
Yxy	13.2980, 0.1790, 0.1080
Android (android.graphics.Color)	4283190517 (0xFF4C4CF5)
YUV	95.2660, 73.8189, -16.8963
Hunter-Lab	36.4664, 44.0991, -117.2113

Details

The Hex color **4C4CF5** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **F5F54C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **917EFF**, and **001DBB** is the 20% darker color. If you saturate the color by 10%, you get **3333F5**, and if you desaturate by 10%, it is **6464F5**.

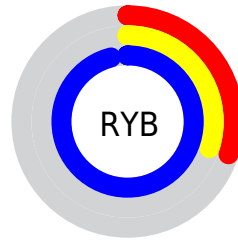
Distribution



Red (30%)

Green (30%)

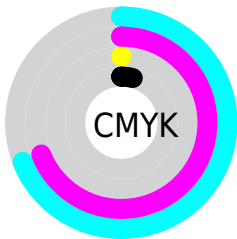
Blue (96%)



Red (30%)

Yellow (30%)

Blue (96%)

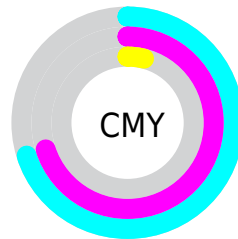


Cyan (69%)

Magenta (69%)

Yellow (0%)

Black (4%)



Cyan (70%)

Magenta (70%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4CF5 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 4C4CF5 by changing the saturation by 10% instead.

 4C4CF5

 4C4CF5


FFFFFF

 1934D8

 917EFF

 001DBB

 B199FF

 00079F

 D0B4FF

 000084

 EFCFFF

 00016A

 FFECFF

 000B51

 000539

 000222

 000008

 4C4CF5

 4C4CF5

 3333F5

 6464F5

 1B1BF5

 7D7DF5

 0202F5

 9696F5

 0000F5

 AEAEF5

 C7C7F5

 DFDFF5

 F7F7F5

 FFFFF5

Harmonies

Analogous

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



0072FF



4C4CF5



C500B5

Triad

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



4C4CF5



B73D00



008369

Complementary

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



4C4CF5



F5F54C

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.



008000



4C4CF5



796500

Square

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



4C4CF5



E10015



087800



0085BC

Rectangle

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



4C4CF5



E40081



087800



00824C

Sweetspot

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



4C4CF5



C9C9FF



4CF5F5



606080



000000



808080

Same Dimension

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



4C4CF5



2B2BFF



A14CF5



6E6E7A



0000BA



00003B

Inverse Universe

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



F54CF5



FF2BFF



A1F54C



7A6E7A



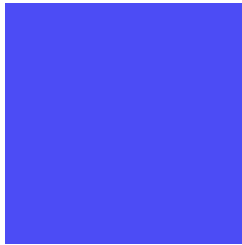
BA00BA



3B003B

Previews

White Background



This preview shows how the Hex color 4C4CF5 looks on a white background.

Color Contrast Check

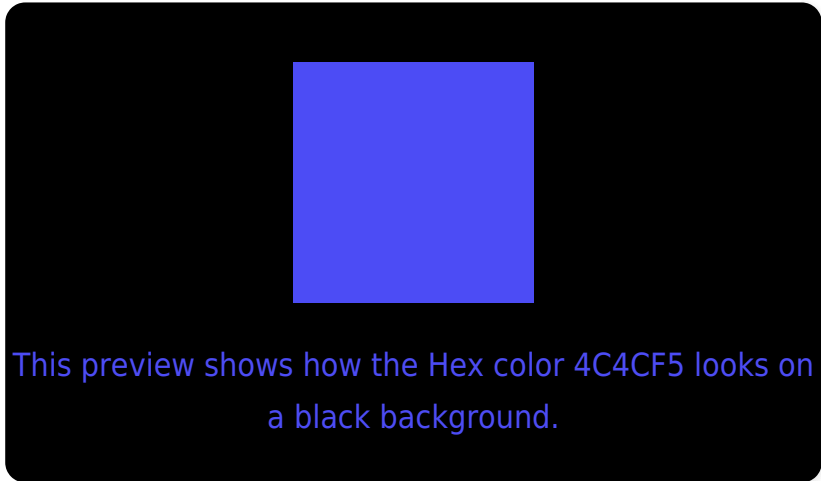
Large Text (above 18pt) WCAG AA ✓ Pass

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

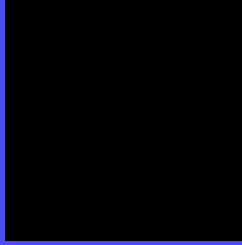
Any Text WCAG AA × Fail

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 4C4CF5 Background



This preview shows how black text looks on a background with the Hex color 4C4CF5.

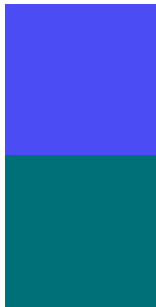


This preview shows how white text looks on a background with the Hex color 4C4CF5.

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



Original Color
4C4CF5

Tritanopia
007078

Trichromacy



Original Color
4C4CF5



Tritanomaly
1C63A5

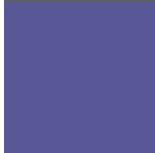
Monochromacy



Original Color
4C4CF5



Achromatopsia
5F5F5F



Achromatomaly
585896

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4CF5 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 #4C4CF5 looks like.

```
.text, #text, p{  
    color:#4C4CF5  
}
```

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 #4C4CF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4CF5
}
```

Border

The CSS property to change the border of an element to Hex 4C4CF5 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
#4C4CF5 }
```

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

```
.border{ border-color:#4C4CF5 }
```

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

Here you see how a box with a 4 pixel #4C4CF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4CF5; -webkit-box-shadow:4px 4px  
4px 4px #4C4CF5; box-shadow:4px 4px 4px  
4px #4C4CF5 }
```

Background

The CSS property to change the background color of an element to Hex 4C4CF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4CF5 }
```

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

```
.background{ background-color:#4C4CF5 }
```

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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