

# Converting Colors

Hex(4C3FE5)

Have a look what the booklet for  
Hex(4C3FE5) contains.

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**Color**

**Hex(4C3FE5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C3FE5
RGB	76, 63, 229
RGB Percent	30%, 25%, 90%
CMY	0.7020, 0.7529, 0.1020
CMYK	0.67, 0.72, 0.00, 0.10
HSL	245°, 76%, 57%
HSV	245°, 72%, 90%
XYZ	18.9009, 10.7487, 75.2073
YIQ	85.8110, -45.5380, 54.3820

# Conversions

## Conversions Part 2

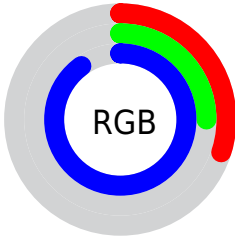
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	76, 63, 229
Decimal	4997093
CIE Lab	39.15, 54.11, -81.70
CIE LCh	39, 97.994, 303.518
Yxy	10.7487, 0.1803, 0.1025
Android (android.graphics.Color)	4283187173 (0xFF4C3FE5)
YUV	85.8110, 70.5922, -8.6042
Hunter-Lab	32.7851, 45.5324, -113.0583

# Details


The Hex color **4C3FE5** 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 **D8E53F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **8F71FF**, and **000EAC** is the 20% darker color. If you saturate the color by 10%, you get **3728E5**, and if you desaturate by 10%, it is **6156E5**.

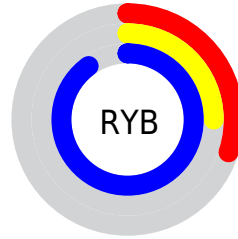
# Distribution



 Red (30%)

 Green (25%)

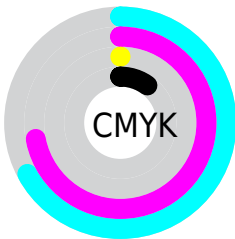
 Blue (90%)



 Red (30%)

 Yellow (25%)

 Blue (90%)

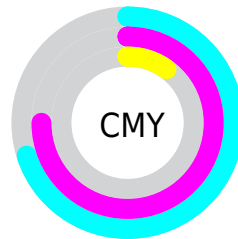


 Cyan (67%)


 Magenta (72%)

 Yellow (0%)

 Black (10%)



 Cyan (70%)

 Magenta (75%)

 Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C3FE5 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 4C3FE5 by changing the saturation by 10% instead.



■ 4C3FE5

■ 4C3FE5

FFFFFF

■ 1E27C8

■ 8F71FF

■ 000EAC

■ AE8BFF

■ 000091

■ CDA6FF

■ 000076

■ ECC2FF

■ 00085C

■ FFDEFF

■ 000743

■ FFFBFF

■ 00032C

■ 000117

■ 000000

■ 4C3FE5

■ 4C3FE5

■ 3728E5

■ 6156E5

■ 2211E5

■ 766DE5

■ 1200E5

■ 8B84E5

■ A09BE5

■ B6B2E5

■ CBC8E5

■ E0DFE5

■ F5F6E5

■ FFFFE5

# Harmonies

## Analogous

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



0067FF



4C3FE5



BC00A5

# Triad

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



4C3FE5



A73600



007864

# Complementary

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



4C3FE5



D8E53F

# 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.



007500



4C3FE5



695D00

# Square

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



4C3FE5



D00006



006E00



0079B4

# Rectangle

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



4C3FE5



D70071



006E00



007748



# Sweetspot

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



4C3FE5



CBC7FF



3FDAE5



615E80



000000



808080



# Same Dimension

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



4C3FE5



3321FF



9D3FE5



686773



0E00B3



040033



# Inverse Universe

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



E53FD8



FF21EE



87E53F



736772



B300A5

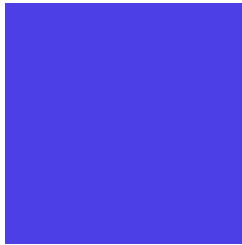


33002F



# Previews

## White Background



This preview shows how the Hex color 4C3FE5 looks on a white background.

## Color Contrast Check

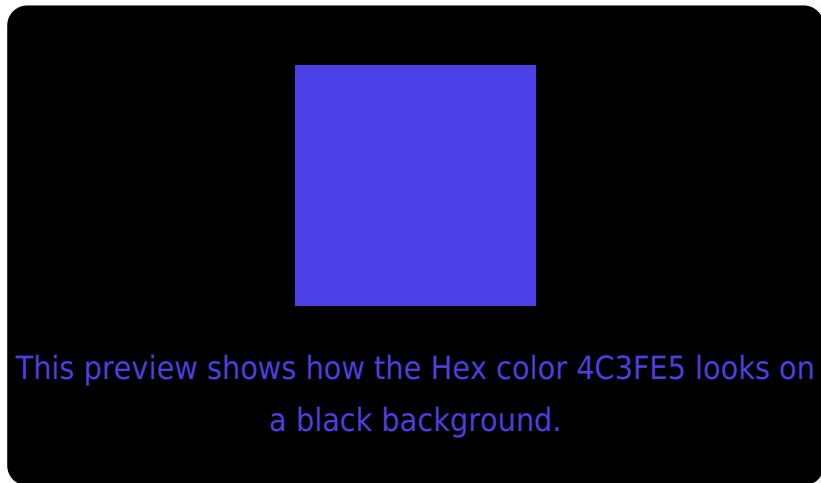
Large Text (above 18pt) WCAG AA ✓ Pass

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

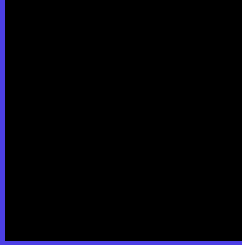
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C3FE5 Background



This preview shows how black text looks on a background with the Hex color 4C3FE5.

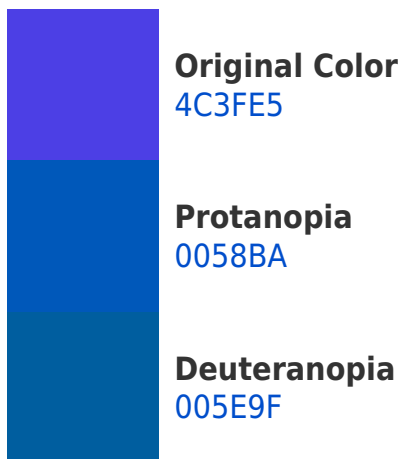


This preview shows how white text looks on a background with the Hex color 4C3FE5.

# 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**  
00666D

# Trichromacy



**Original Color**  
4C3FE5

**Protanomaly**  
1C4FCA

**Deuteranomaly**  
1C53B8

**Tritanomaly**  
1C5899

# Monochromacy



**Original Color**  
4C3FE5

**Achromatopsia**  
565656

**Achromatomaly**  
524E8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C3FE5 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 #4C3FE5 looks like.

```
.text, #text, p{  
    color:#4C3FE5  
}
```

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 #4C3FE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C3FE5
}
```

## Border

The CSS property to change the border of an element to Hex 4C3FE5 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
#4C3FE5 }
```

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

```
.border{ border-color:#4C3FE5 }
```

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

Here you see how a box with a 4 pixel #4C3FE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C3FE5; -webkit-box-shadow:4px 4px  
4px 4px #4C3FE5; box-shadow:4px 4px 4px  
4px #4C3FE5 }
```

# Background

The CSS property to change the background color of an element to Hex 4C3FE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C3FE5 }
```

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

```
.background{ background-color:#4C3FE5 }
```

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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