

# Converting Colors

Hex(C564F4)

Have a look what the booklet for  
Hex(C564F4) contains.

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# Color

**Hex(C564F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C564F4
RGB	197, 100, 244
RGB Percent	77%, 39%, 96%
CMY	0.2275, 0.6078, 0.0431
CMYK	0.19, 0.59, 0.00, 0.04
HSL	280°, 87%, 67%
HSV	280°, 59%, 96%
XYZ	43.9123, 27.5163, 88.5847
YIQ	145.4190, 11.5880, 65.3480

# Conversions

## Conversions Part 2

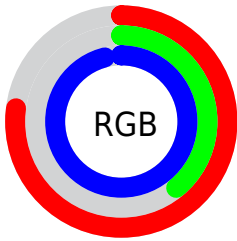
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	197, 100, 244
Decimal	12936436
CIE Lab	59.45, 61.32, -56.62
CIE LCh	59, 83.465, 317.281
Yxy	27.5163, 0.2744, 0.1720
Android (android.graphics.Color)	4291126516 (0xFFC564F4)
YUV	145.4190, 48.6004, 45.2365
Hunter-Lab	52.4560, 57.6290, -63.4064

# Details

The Hex color **C564F4** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **93F464**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF9BFF**, and **8B2CBB** is the 20% darker color. If you saturate the color by 10%, you get **BD4CF4**, and if you desaturate by 10%, it is **CD7CF4**.

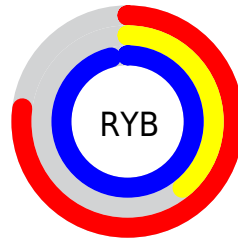
# Distribution



Red (77%)

Green (39%)

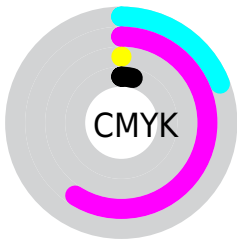
Blue (96%)



Red (77%)

Yellow (39%)

Blue (96%)

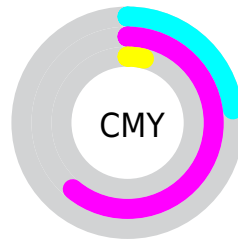


Cyan (19%)

Magenta (59%)

Yellow (0%)

Black (4%)



Cyan (23%)

Magenta (61%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C564F4 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 C564F4 by changing the saturation by 10% instead.



 C564F4

 C564F4

FFFFFF

 A849D7

 FF9BFF

 8B2CBB

 FFB7FF

 6F049F

 FFD4FF

 530085

 FFF1FF

 37006B

 1D0052

 000039

 000223

 00000A

 C564F4

 C564F4

 BD4CF4

 CD7CF4

 B533F4

 D595F4

 AD1BF4

 DDADF4

 A502F4

 E5C6F4

 A400F4

 EDDEF4

 F5F6F4

 FDFFF4

 FFFFF4

# Harmonies

## Analogous

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



148AFF



C564F4



FF38B2

# Triad

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



C564F4



C78100



00AFB9

# Complementary

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



C564F4



93F464

# 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.



00AD6C



C564F4



859900

# Square

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



C564F4



F75C20



0AA617



00ACFB

# Rectangle

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



C564F4



FF2C81



0AA617



00AFA0



# Sweetspot

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



C564F4



F0D1FF



6494F4



766380



000000



808080



# Same Dimension

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



C564F4



C44AFF



F464DC



766E7A



7D00BA



28003B



# Inverse Universe

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



F46493



FF4A85



64F47C



7A6E72



BA003D



3B0013



# Previews

## White Background



This preview shows how the Hex color C564F4 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

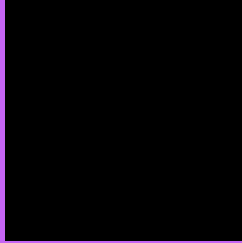
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C564F4 Background



This preview shows how black text looks on a background with the Hex color C564F4.

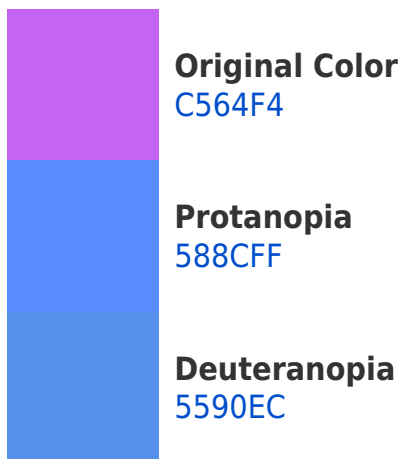


This preview shows how white text looks on a background with the Hex color C564F4.

# 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](#).

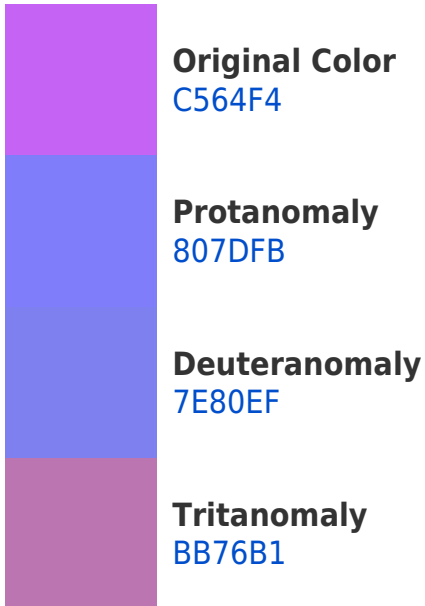
## Dichromacy



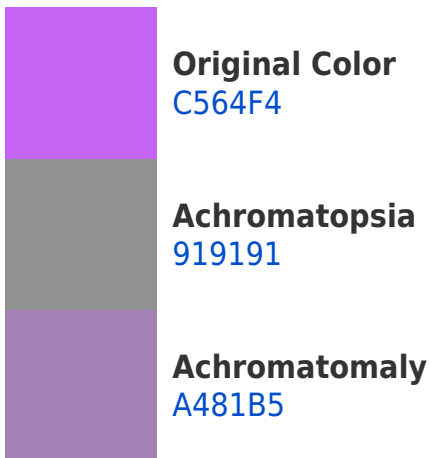


**Tritanopia**  
B5818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C564F4 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 #C564F4 looks like.

```
.text, #text, p{  
    color:#C564F4  
}
```

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 #C564F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C564F4
}
```

## Border

The CSS property to change the border of an element to Hex C564F4 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
#C564F4 }
```

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

```
.border{ border-color:#C564F4 }
```

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

Here you see how a box with a 4 pixel #C564F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C564F4; -webkit-box-shadow:4px 4px  
4px 4px #C564F4; box-shadow:4px 4px 4px  
4px #C564F4 }
```

# Background

The CSS property to change the background color of an element to Hex C564F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C564F4 }
```

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

```
.background{ background-color:#C564F4 }
```

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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