

# Converting Colors

Hex(CC58F5)

Have a look what the booklet for  
Hex(CC58F5) contains.

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**Color**

**Hex(CC58F5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC58F5
RGB	204, 88, 245
RGB Percent	80%, 35%, 96%
CMY	0.2000, 0.6549, 0.0392
CMYK	0.17, 0.64, 0.00, 0.04
HSL	284°, 89%, 65%
HSV	284°, 64%, 96%
XYZ	44.8730, 26.4094, 89.1187
YIQ	140.5820, 18.7390, 73.4190

# Conversions

## Conversions Part 2

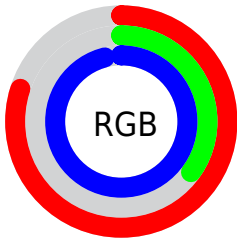
Format	Color
R <sub>Y</sub> B	204, 88, 245
Decimal	13392117
CIE Lab	58.42, 68.54, -58.77
CIE LCh	58, 90.283, 319.390
Yxy	26.4094, 0.2798, 0.1646
Android (android.graphics.Color)	4291582197 (0xFFCC58F5)
YUV	140.5820, 51.4781, 55.6176
Hunter-Lab	51.3901, 65.9308, -66.8454

# Details

The Hex color **CC58F5** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **81F558**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF90FF**, and **9217BC** is the 20% darker color. If you saturate the color by 10%, you get **C640F5**, and if you desaturate by 10%, it is **D271F5**.

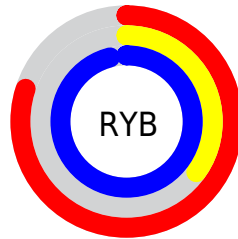
# Distribution



Red (80%)

Green (35%)

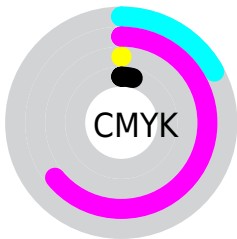
Blue (96%)



Red (80%)

Yellow (35%)

Blue (96%)

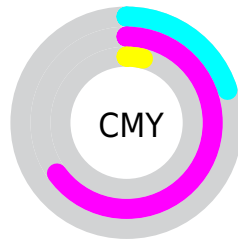


Cyan (17%)

Magenta (64%)

Yellow (0%)

Black (4%)



Cyan (20%)

Magenta (65%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC58F5 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 CC58F5 by changing the saturation by 10% instead.



 CC58F5

 CC58F5

FFFFFF

 AF3BD8

 FF90FF

 9217BC

 FFADFF

 7500A0

 FFCAFF

 590085

 FFE7FF

 3C006B

 210052

 00003A

 000223

 00000B

 CC58F5

 CC58F5

 C640F5

 D271F5

 BF27F5

 D989F5

 B90FF5

 DFA2F5

 B500F5

 E6BAF5

 ECD3F5

 F2EBF5

 F9FFF5

 FFFFF5

# Harmonies

## Analogous

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



0084FF



CC58F5



FF13AC

# Triad

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



CC58F5



C27F00



00AEBF

# Complementary

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



CC58F5



81F558

# 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.



00AC6D



CC58F5



7A9800

# Square

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



CC58F5



F75600



00A604



00ABFF

# Rectangle

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



CC58F5



FF0077



00A604



00ADA4



# Sweetspot

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



CC58F5



F2CFFF



5882F5



786280



000000



808080



# Same Dimension

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



CC58F5



CC3BFF



F558D0



776E7A



8A00BA



2B003B



# Inverse Universe

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



F55881



FF3B6E



58F57D



7A6E71



BA0031

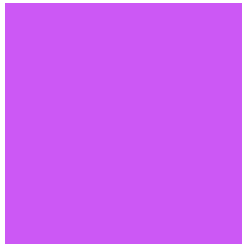


3B000F



# Previews

## White Background



This preview shows how the Hex color CC58F5 looks on a white background.

## Color Contrast Check

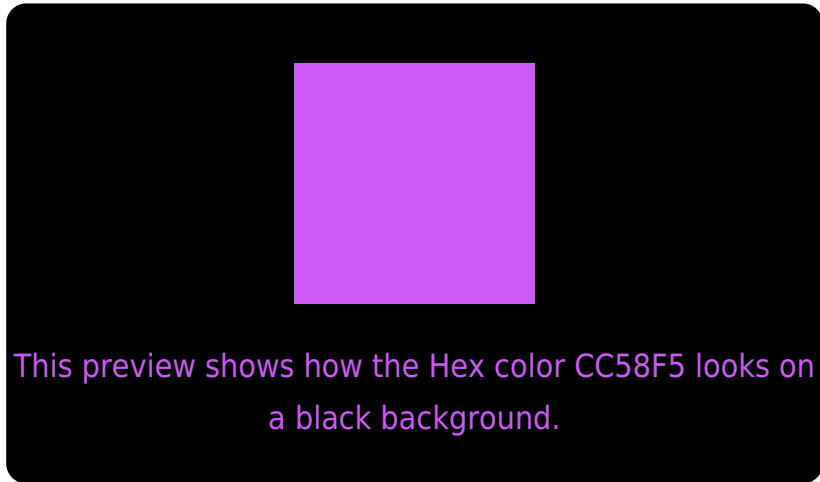
Large Text (above 18pt) WCAG AA ✓ Pass

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

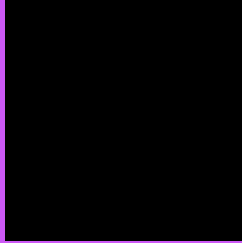
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CC58F5 Background



This preview shows how black text looks on a background with the Hex color CC58F5.

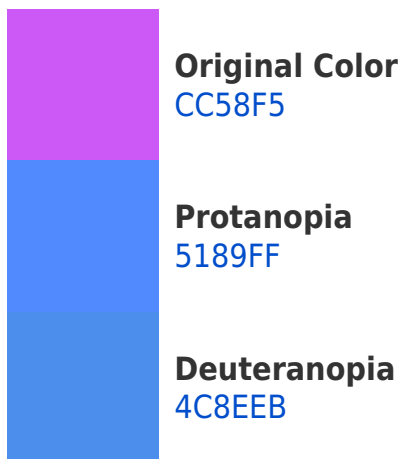



This preview shows how white text looks on a background with the Hex color CC58F5.

# 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**  
BB7A83

# Trichromacy



**Original Color**  
CC58F5



**Protanomaly**  
7E77FB



**Deuteranomaly**  
7B7AEF



**Tritanomaly**  
C16EAC

# Monochromacy



**Original Color**  
CC58F5



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
A47AB3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC58F5 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 #CC58F5 looks like.

```
.text, #text, p{  
    color:#CC58F5  
}
```

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 #CC58F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC58F5
}
```

## Border

The CSS property to change the border of an element to Hex CC58F5 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
#CC58F5 }
```

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

```
.border{ border-color:#CC58F5 }
```

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

Here you see how a box with a 4 pixel #CC58F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC58F5; -webkit-box-shadow:4px 4px  
4px 4px #CC58F5; box-shadow:4px 4px 4px  
4px #CC58F5 }
```

# Background

The CSS property to change the background color of an element to Hex CC58F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC58F5 }
```

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

```
.background{ background-color:#CC58F5 }
```

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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