

# Converting Colors

Hex(C559F7)

Have a look what the booklet for  
Hex(C559F7) contains.

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**Color**

**Hex(C559F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C559F7
RGB	197, 89, 247
RGB Percent	77%, 35%, 97%
CMY	0.2275, 0.6510, 0.0314
CMYK	0.20, 0.64, 0.00, 0.03
HSL	281°, 91%, 66%
HSV	281°, 64%, 97%
XYZ	43.3868, 25.7305, 90.6754
YIQ	139.3040, 13.6500, 72.0340

# Conversions

## Conversions Part 2

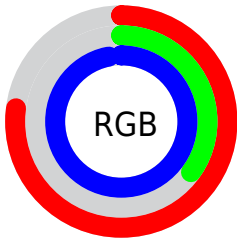
Format	Color
R <sub>YB</sub>	197, 89, 247
Decimal	12933623
CIE <sub>Lab</sub>	57.78, 66.97, -60.96
CIE <sub>LCh</sub>	58, 90.555, 317.689
Yxy	25.7305, 0.2715, 0.1610
Android (android.graphics.Color)	4291123703 (0xFFC559F7)
YUV	139.3040, 53.0941, 50.5994
Hunter-Lab	50.7252, 63.9074, -70.4780

# Details

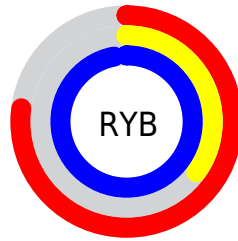
The Hex color **C559F7** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **8BF759**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF91FF**, and **8B1BBE** is the 20% darker color. If you saturate the color by 10%, you get **BD40F7**, and if you desaturate by 10%, it is **CD72F7**.

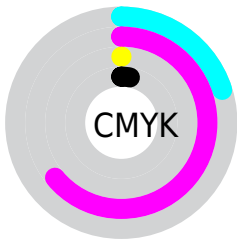
# Distribution



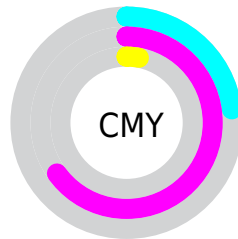
- Red (77%)
- Green (35%)
- Blue (97%)



- Red (77%)
- Yellow (35%)
- Blue (97%)



- Cyan (20%)
- Magenta (64%)
- Yellow (0%)
- Black (3%)



- Cyan (23%)
- Magenta (65%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C559F7 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 C559F7 by changing the saturation by 10% instead.



 C559F7

FFFFFF

 FF91FF

 FFADFF

 FFCAFF

 FFE7FF

 C559F7

 A83CDA

 8B1BBE

 6E00A2

 520087

 34006D

 170054

 00003B

 000225

 00010D

 C559F7

 C559F7

 BD40F7

 CD72F7

 B528F7

 D58AF7

 AE0FF7

 DCA3F7

 A900F7

 E4BCF7

 ECD4F7

 F4EDF7

 FCFFF7

 FFFFF7

# Harmonies

## Analogous

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



0085FF



C559F7



FF11AF

# Triad

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



C559F7



C37C00



00ACB9

# Complementary

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



C559F7



8BF759

# 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.



00AA66



C559F7



7D9500

# Square

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



C559F7



F75107



00A300



00A9FF

# Rectangle

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



C559F7



FF007A



00A300



00AC9E



# Sweetspot

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



C559F7



F0CFFF



598BF7



766280



000000



808080



# Same Dimension

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



C559F7



C13BFF



F759DA



776E7A



7F00BA



28003B



# Inverse Universe

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



F7598B



FF3B79



59F776



7A6E72



BA003B



3B0013



# Previews

## White Background



This preview shows how the Hex color C559F7 looks on a white background.

## Color Contrast Check

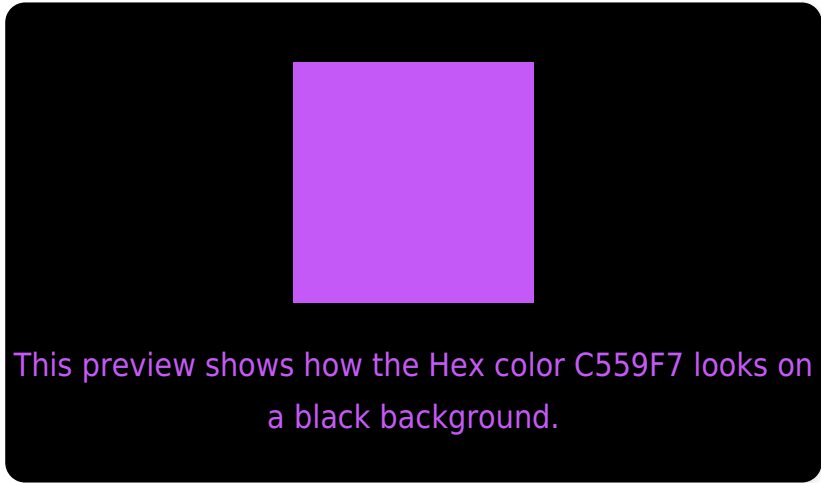
Large Text (above 18pt) WCAG AA ✓ Pass

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

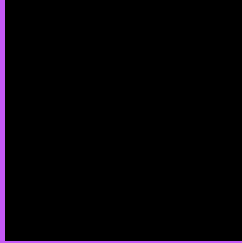
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C559F7 Background



This preview shows how black text looks on a background with the Hex color C559F7.

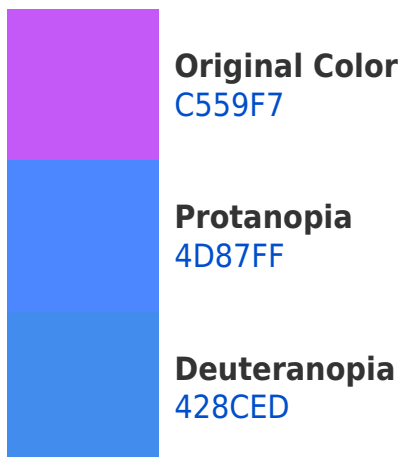


This preview shows how white text looks on a background with the Hex color C559F7.

# 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](#).

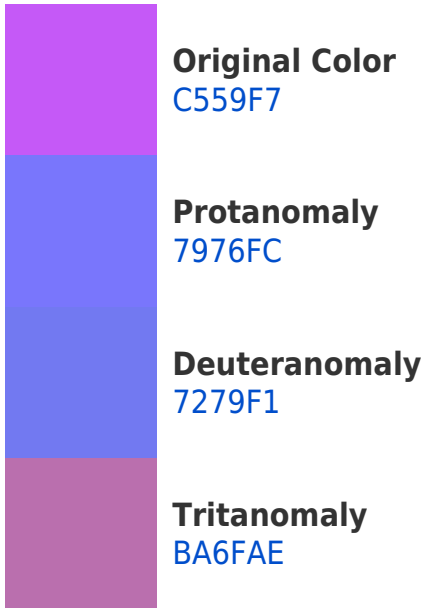
## Dichromacy



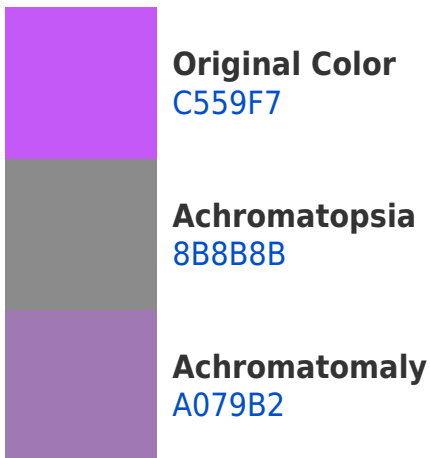


**Tritanopia**  
B37B85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C559F7 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 #C559F7 looks like.

```
.text, #text, p{  
    color:#C559F7  
}
```

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 #C559F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C559F7
}
```

## Border

The CSS property to change the border of an element to Hex C559F7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

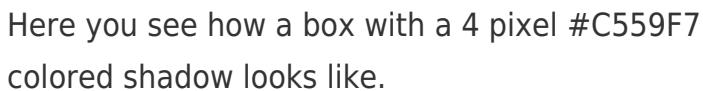
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C559F7 }
```

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

```
.border{ border-color:#C559F7 }
```

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



Here you see how a box with a 4 pixel `#C559F7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C559F7; -webkit-box-shadow:4px 4px  
4px 4px #C559F7; box-shadow:4px 4px 4px  
4px #C559F7 }
```

# Background

The CSS property to change the background color of an element to Hex C559F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C559F7 }
```

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

```
.background{ background-color:#C559F7 }
```

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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