

# Converting Colors

Hex(C590E9)

Have a look what the booklet for  
Hex(C590E9) contains.

<b>Hex(C590E9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C590E9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C590E9
RGB	197, 144, 233
RGB Percent	77%, 56%, 91%
CMY	0.2275, 0.4353, 0.0863
CMYK	0.15, 0.38, 0.00, 0.09
HSL	276°, 67%, 74%
HSV	276°, 38%, 91%
XYZ	47.7072, 37.7000, 81.8532
YIQ	169.9930, 3.0190, 38.9150

# Conversions

## Conversions Part 2

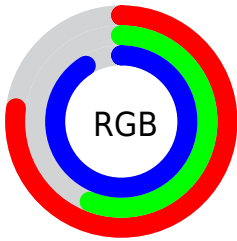
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 144, 233
Decimal	12947689
CIE <sub>Lab</sub>	67.80, 36.16, -37.37
CIE <sub>LCh</sub>	68, 52.002, 314.054
Yxy	37.7000, 0.2852, 0.2254
Android (android.graphics.Color)	4291137769 (0xFFC590E9)
YUV	169.9930, 31.0625, 23.6851
Hunter-Lab	61.4003, 31.2414, -36.0596

# Details

The Hex color **C590E9** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B4E990**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFC7FF**, and **8E5CB1** is the 20% darker color. If you saturate the color by 10%, you get **BC79E9**, and if you desaturate by 10%, it is **CEA7E9**.

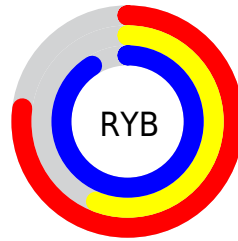
# Distribution



Red (77%)

Green (56%)

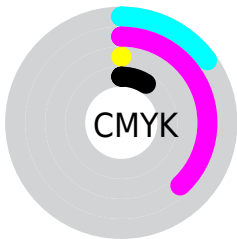
Blue (91%)



Red (77%)

Yellow (56%)

Blue (91%)

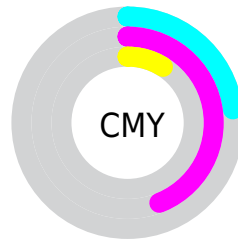


Cyan (15%)

Magenta (38%)

Yellow (0%)

Black (9%)



Cyan (23%)

Magenta (44%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C590E9 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 C590E9 by changing the saturation by 10% instead.



 C590E9

 C590E9

FFFFFF

 A976CD

 FFC7FF

 8E5CB1

 FFE3FF

 734496

 592C7C

 401462

 26004A

 110033

 00021D

 000000

 C590E9

 C590E9

 BC79E9

 CEA7E9

 B261E9

 D8BFE9

 A94AE9

 E1D6E9

 9F33E9

 EBEDE9

 961BE9

 F4FFE9

 8C04E9

 FEFFE9

 8B00E9

 FFFE9

# Harmonies

## Analogous

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



7DA3FF



C590E9



EF80C0

# Triad

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



C590E9



D59A49



00BDBA

# Complementary

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



C590E9



B4E990

# 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.



1FBB8A



C590E9



ABAA46

# Square

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



C590E9



F38866



77B55F



00BAE5

# Rectangle

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



C590E9



FB7DA1



77B55F



00BDAA



# Sweetspot

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



C590E9



F4E3FF



90B5E9



796F80



000000



808080



# Same Dimension

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



C590E9



D08AFF



E990E2



716A75



6C00B5



200036



# Inverse Universe

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



E990B4



FF8AB9



90E997



756A6E



B50049

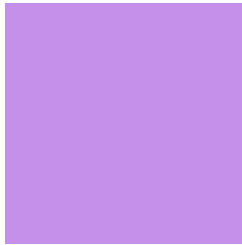


360016



# Previews

## White Background



This preview shows how the Hex color C590E9 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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

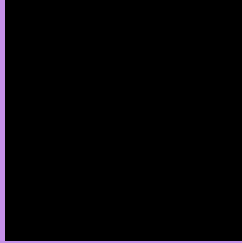
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C590E9 Background



This preview shows how black text looks on a background with the Hex color C590E9.

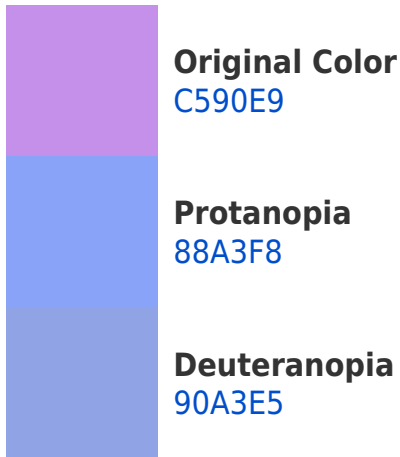


This preview shows how white text looks on a background with the Hex color C590E9.

# 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**  
BB9DAA

# Trichromacy



**Original Color**  
C590E9



**Protanomaly**  
9E9CF3



**Deuteranomaly**  
A39CE6



**Tritanomaly**  
BF98C1

# Monochromacy



**Original Color**  
C590E9



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
B4A1C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C590E9 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 #C590E9 looks like.

```
.text, #text, p{  
    color:#C590E9  
}
```

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 #C590E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C590E9
}
```

## Border

The CSS property to change the border of an element to Hex C590E9 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
#C590E9 }
```

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

```
.border{ border-color:#C590E9 }
```

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

Here you see how a box with a 4 pixel #C590E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C590E9; -webkit-box-shadow:4px 4px  
4px 4px #C590E9; box-shadow:4px 4px 4px  
4px #C590E9 }
```

# Background

The CSS property to change the background color of an element to Hex C590E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C590E9 }
```

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

```
.background{ background-color:#C590E9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor