

# Converting Colors

Hex(C584E9)

Have a look what the booklet for  
Hex(C584E9) contains.

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# **Color**

**Hex(C584E9)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | C584E9                    |
| RGB           | 197, 132, 233             |
| RGB Percent   | 77%, 52%, 91%             |
| CMY           | 0.2275, 0.4824, 0.0863    |
| CMYK          | 0.15, 0.43, 0.00, 0.09    |
| HSL           | 279°, 70%, 72%            |
| HSV           | 279°, 43%, 91%            |
| XYZ           | 45.9852, 34.2560, 81.2792 |
| YIQ           | 162.9490, 6.3190, 45.1910 |

# Conversions

## Conversions Part 2

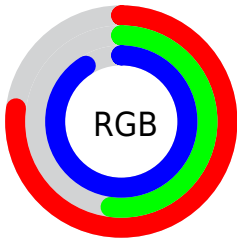
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 197, 132, 233                 |
| Decimal                             | 12944617                      |
| CIE <sub>Lab</sub>                  | 65.17, 42.67, -41.49          |
| CIE <sub>LCh</sub>                  | 65, 59.515, 315.806           |
| Yxy                                 | 34.2560, 0.2847,<br>0.2121    |
| Android<br>(android.graphics.Color) | 4291134697<br>(0xFFC584E9)    |
| YUV                                 | 162.9490, 34.5351,<br>29.8627 |
| Hunter-Lab                          | 58.5287, 37.8200,<br>-41.3664 |

# Details

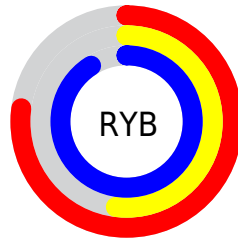
The Hex color **C584E9** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A8E984**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFBAFF**, and **8D50B1** is the 20% darker color. If you saturate the color by 10%, you get **BD6DE9**, and if you desaturate by 10%, it is **CD9BE9**.

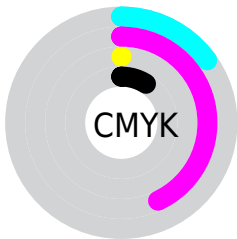
# Distribution



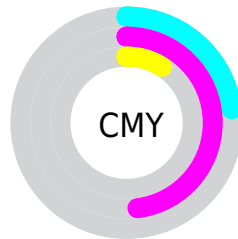
- Red (77%)
- Green (52%)
- Blue (91%)



- Red (77%)
- Yellow (52%)
- Blue (91%)



- Cyan (15%)
- Magenta (43%)
- Yellow (0%)
- Black (9%)



- Cyan (23%)
- Magenta (48%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C584E9 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 C584E9 by changing the saturation by 10% instead.



 C584E9

 C584E9

FFFFFF

 A96ACD

 FFBAFF

 8D50B1

 FFD6FF

 723896

 FFF3FF

 581E7C

 3E0162

 25004A

 070033

 00021C

 000000

 C584E9

 C584E9

 BD6DE9

 CD9BE9

 B455E9

 D6B3E9

 AC3EE9

 DECAE9

 A427E9

 E6E1E9

 9B10E9

 EFF9E9

 9600E9

 F7FFE9

 FFFFE9

# Harmonies

## Analogous

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



709AFF



C584E9



F271BA

# Triad

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



C584E9



D09231



00B8BA

# Complementary

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



C584E9



A8E984

# 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.



00B682



C584E9



A0A42E

# Square

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



C584E9



F27D54



62B050



00B5E9

# Rectangle

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



C584E9



FF6D96



62B050



00B8A7



# Sweetspot

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



C584E9



F3DEFF



84A9E9



786B80



000000



808080



# Same Dimension

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



C584E9



D07AFF



E984DC



716A75



7500B5



220036



# Inverse Universe

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



E984A8



FF7AAA



84E991



756A6E



B50041

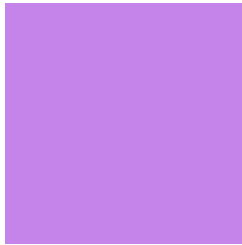


360013



# Previews

## White Background



This preview shows how the Hex color C584E9 looks on a white background.

## Color Contrast Check

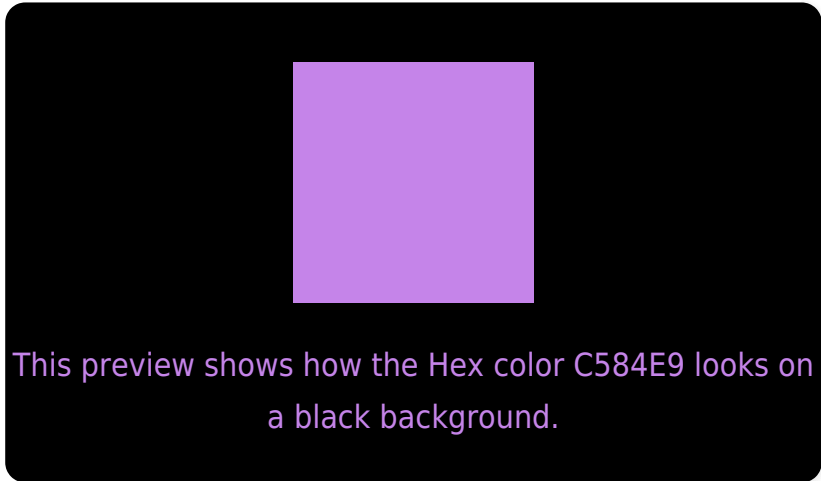
Large Text (above 18pt) WCAG AA × Fail

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 C584E9 Background



This preview shows how black text looks on a background with the Hex color C584E9.

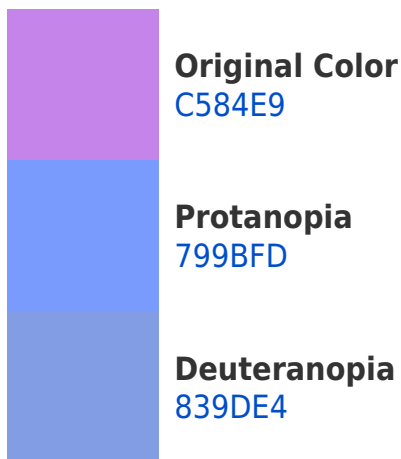



This preview shows how white text looks on a background with the Hex color C584E9.

# 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**  
BA94A0

# Trichromacy



**Original Color**  
C584E9



**Protanomaly**  
9593F6



**Deuteranomaly**  
9B94E6



**Tritanomaly**  
BE8EBB

# Monochromacy



**Original Color**  
C584E9



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
AF98BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C584E9 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 #C584E9 looks like.

```
.text, #text, p{  
    color:#C584E9  
}
```

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 #C584E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C584E9
}
```

## Border

The CSS property to change the border of an element to Hex C584E9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

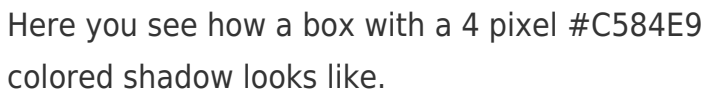
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C584E9 }
```

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

```
.border{ border-color:#C584E9 }
```

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



Here you see how a box with a 4 pixel #C584E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C584E9; -webkit-box-shadow:4px 4px  
4px 4px #C584E9; box-shadow:4px 4px 4px  
4px #C584E9 }
```

# Background

The CSS property to change the background color of an element to Hex C584E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C584E9 }
```

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

```
.background{ background-color:#C584E9 }
```

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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