

# Converting Colors

Hex(CB61E5)

Have a look what the booklet for  
Hex(CB61E5) contains.

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# Color

**Hex(CB61E5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB61E5
RGB	203, 97, 229
RGB Percent	80%, 38%, 90%
CMY	0.2039, 0.6196, 0.1020
CMYK	0.11, 0.58, 0.00, 0.10
HSL	288°, 72%, 64%
HSV	288°, 58%, 90%
XYZ	43.0462, 26.9030, 77.0528
YIQ	143.7420, 20.8040, 63.5240

# Conversions

## Conversions Part 2

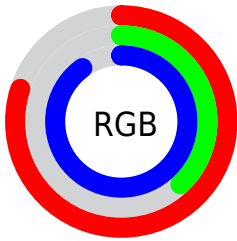
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	203, 97, 229
Decimal	13328869
CIE Lab	58.88, 61.20, -49.12
CIE LCh	59, 78.469, 321.250
Yxy	26.9030, 0.2928, 0.1830
Android (android.graphics.Color)	4291518949 (0xFFCB61E5)
YUV	143.7420, 42.0322, 51.9693
Hunter-Lab	51.8681, 57.3706, -51.7706

# Details

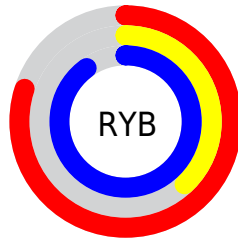
The Hex color **CB61E5** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **7BE561**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF98FF**, and **9228AD** is the 20% darker color. If you saturate the color by 10%, you get **C64AE5**, and if you desaturate by 10%, it is **D078E5**.

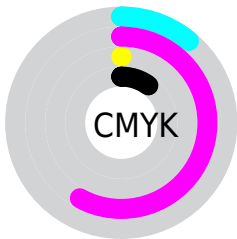
# Distribution



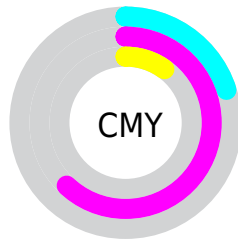
- Red (80%)
- Green (38%)
- Blue (90%)



- Red (80%)
- Yellow (38%)
- Blue (90%)



- Cyan (11%)
- Magenta (58%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (62%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB61E5 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 CB61E5 by changing the saturation by 10% instead.



 CB61E5

 CB61E5

FFFFFF

 AE45C9

 FF98FF

 9228AD

 FFB4FF

 760092

 FFD1FF

 5A0077

 FFEEFF

 3F005E

 270046

 00002E

 000118

 000000

 CB61E5

 CB61E5

 C64AE5

 D078E5

 C233E5

 D48FE5

 BD1CE5

 D9A6E5

 B905E5

 DDBDE5

 B800E5

 E2D4E5

 E6EAE5

 EBFFE5

 EFFE5

 F4FFE5

# Harmonies

## Analogous

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



5684FF



CB61E5



FC3EA5

# Triad

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



CB61E5



BC8400



00ACBE

# Complementary

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



CB61E5



7BE561

# 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.



00AB76



CB61E5



7C9900

# Square

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



CB61E5



EB641D



00A52D



00A8F9

# Rectangle

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



CB61E5



FF3A77



00A52D



00ACA7



# Sweetspot

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



CB61E5



F6D4FF



617BE5



7A6680



000000



808080



# Same Dimension

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



CB61E5



DC4FFF



E561BD



706773



8F00B3



290033



# Inverse Universe

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



E5617B



FF4F72



61E589



73676A



B30023

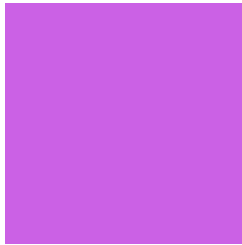


33000A



# Previews

## White Background



This preview shows how the Hex color CB61E5 looks on a white background.

## Color Contrast Check

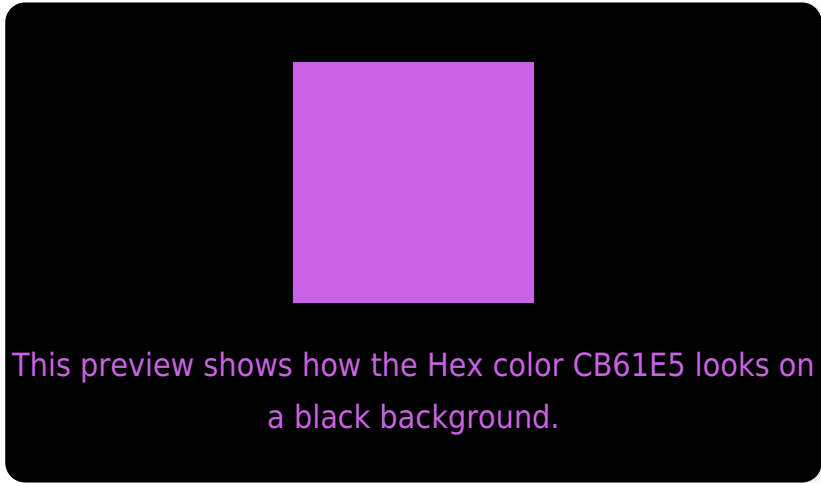
Large Text (above 18pt) WCAG AA ✓ Pass

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

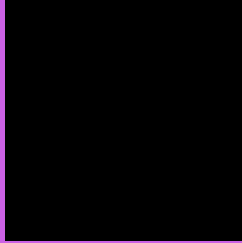
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CB61E5 Background



This preview shows how black text looks on a background with the Hex color CB61E5.

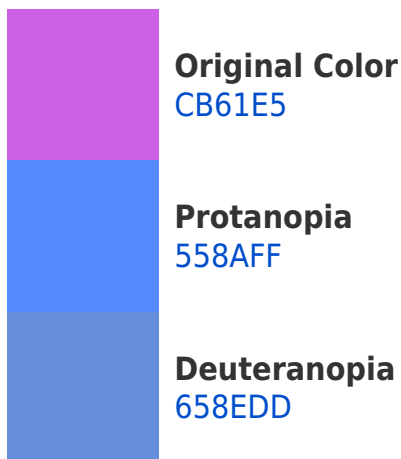


This preview shows how white text looks on a background with the Hex color CB61E5.

# 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](#).

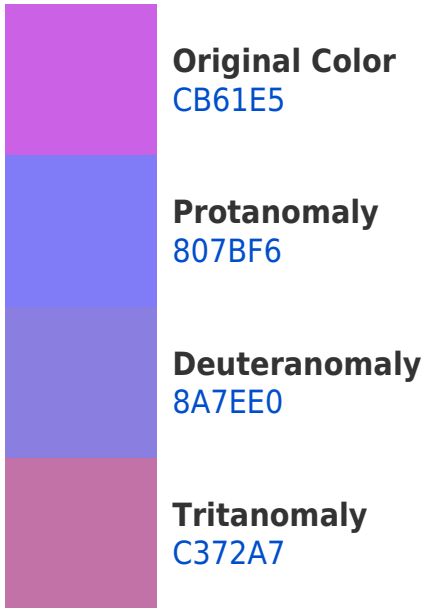
## Dichromacy



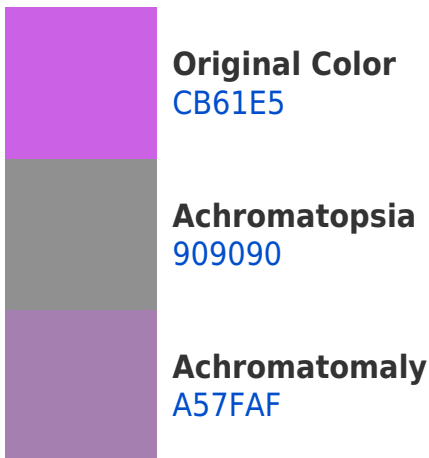


**Tritanopia**  
BE7B84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB61E5 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 #CB61E5 looks like.

```
.text, #text, p{  
    color:#CB61E5  
}
```

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 #CB61E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB61E5
}
```

## Border

The CSS property to change the border of an element to Hex CB61E5 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
#CB61E5 }
```

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

```
.border{ border-color:#CB61E5 }
```

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

Here you see how a box with a 4 pixel #CB61E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB61E5; -webkit-box-shadow:4px 4px  
4px 4px #CB61E5; box-shadow:4px 4px 4px  
4px #CB61E5 }
```

# Background

The CSS property to change the background color of an element to Hex CB61E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB61E5 }
```

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

```
.background{ background-color:#CB61E5 }
```

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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