

Converting Colors

Hex(CB51E0)

Have a look what the booklet for
Hex(CB51E0) contains.

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Color

Hex(CB51E0)

Conversions

Conversions Part 1

Format	Color
Hex	CB51E0
RGB	203, 81, 224
RGB Percent	80%, 32%, 88%
CMY	0.2039, 0.6824, 0.1216
CMYK	0.09, 0.64, 0.00, 0.12
HSL	291°, 70%, 60%
HSV	291°, 64%, 88%
XYZ	41.0256, 23.9632, 72.9841
YIQ	133.7800, 26.8090, 70.3370

Conversions

Conversions Part 2

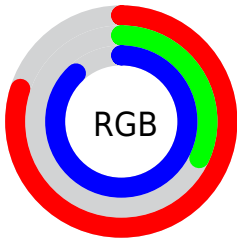
Format	Color
R _Y B	203, 81, 224
Decimal	13324768
CIE Lab	56.05, 67.31, -50.81
CIE LCh	56, 84.329, 322.952
Yxy	23.9632, 0.2973, 0.1737
Android (android.graphics.Color)	4291514848 (0xFFCB51E0)
YUV	133.7800, 44.4785, 60.7059
Hunter-Lab	48.9522, 63.9299, -54.1304

Details

The Hex color **CB51E0** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **66E051**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF8AFF**, and **9108A8** is the 20% darker color. If you saturate the color by 10%, you get **C83BE0**, and if you desaturate by 10%, it is **CE67E0**.

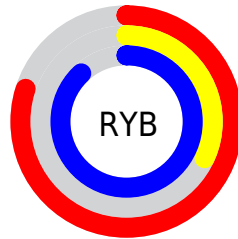
Distribution



Red (80%)

Green (32%)

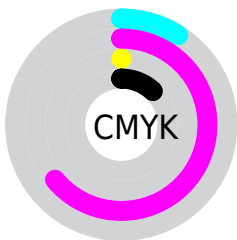
Blue (88%)



Red (80%)

Yellow (32%)

Blue (88%)

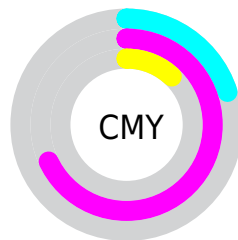


Cyan (9%)

Magenta (64%)

Yellow (0%)

Black (12%)



Cyan (20%)

Magenta (68%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB51E0 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 CB51E0 by changing the saturation by 10% instead.

 CB51E0

 CB51E0

FFFFFF

 AE33C4

 FF8AFF

 9108A8

 FFA6FF

 75008D

 FFC3FF

 590073

 FFE0FF

 3E005A

FFFEFF

 230041

 00002A

 000114

 000000

 CB51E0

 CB51E0

 C83BE0

 CE67E0

 C424E0

 D27EE0

 C10EE0

 D594E0

 BF00E0

 D8ABE0

 DBC1E0

 DFD7E0

 E2EEE0

 E5FFE0

 E9FFE0

Harmonies

Analogous

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



4C7BFF



CB51E0



FC1C9B

Triad

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



CB51E0



B17D00



00A5BE

Complementary

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



CB51E0



66E051

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.



00A472



CB51E0



6D9300

Square

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



CB51E0



E55A00



009F20



00A2FC

Rectangle

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



CB51E0



FF196A



009F20



00A5A5

Sweetspot

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



CB51E0



F8CFFF



5166E0



7B6280



000000



808080

Same Dimension

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



CB51E0



E23BFF



E051AE



6F6570



9600B0



290030

Inverse Universe

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



E05166



FF3B57



51E083



706567



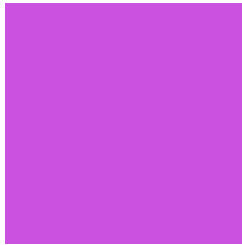
B0001A



300007

Previews

White Background



This preview shows how the Hex color CB51E0 looks on a white background.

Color Contrast Check

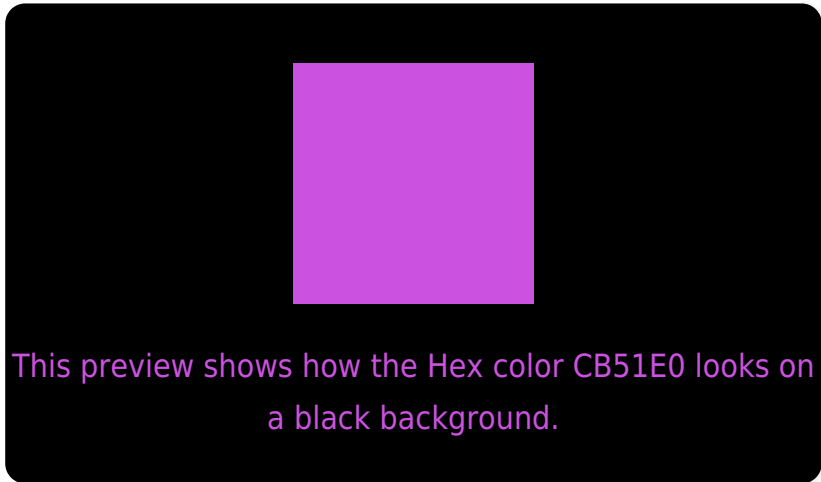
Large Text (above 18pt) WCAG AA ✓ Pass

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

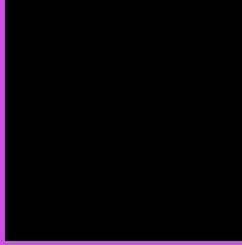
Any Text WCAG AA ✓ Pass

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 CB51E0 Background



This preview shows how black text looks on a background with the Hex color CB51E0.

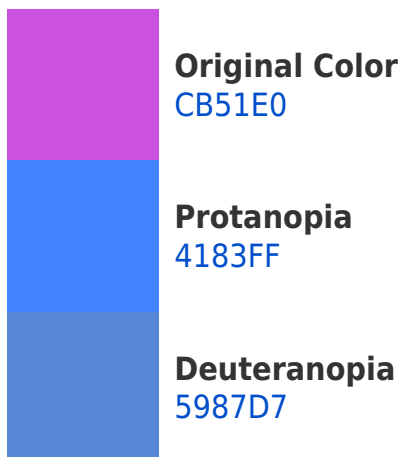


This preview shows how white text looks on a background with the Hex color CB51E0.

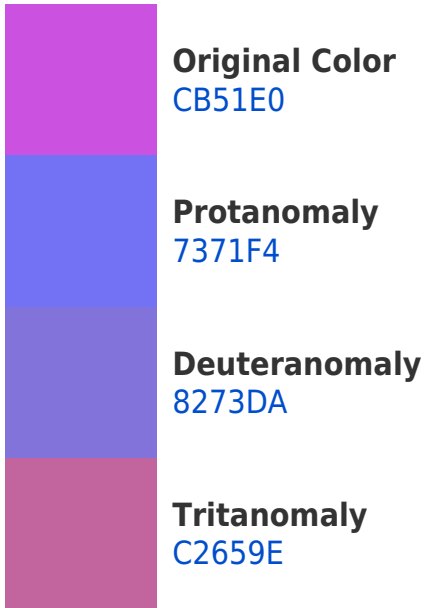
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB51E0 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 #CB51E0 looks like.

```
.text, #text, p{  
    color:#CB51E0  
}
```

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 #CB51E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB51E0
}
```

Border

The CSS property to change the border of an element to Hex CB51E0 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
#CB51E0 }
```

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

```
.border{ border-color:#CB51E0 }
```

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

Here you see how a box with a 4 pixel #CB51E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB51E0; -webkit-box-shadow:4px 4px  
4px 4px #CB51E0; box-shadow:4px 4px 4px  
4px #CB51E0 }
```

Background

The CSS property to change the background color of an element to Hex CB51E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB51E0 }
```

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

```
.background{ background-color:#CB51E0 }
```

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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