

Converting Colors

Hex(CB51D5)

Have a look what the booklet for
Hex(CB51D5) contains.

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Color

Hex(CB51D5)

Conversions

Conversions Part 1

Format	Color
Hex	CB51D5
RGB	203, 81, 213
RGB Percent	80%, 32%, 84%
CMY	0.2039, 0.6824, 0.1647
CMYK	0.05, 0.62, 0.00, 0.16
HSL	295°, 61%, 58%
HSV	295°, 62%, 84%
XYZ	39.5813, 23.3855, 65.3785
YIQ	132.5260, 30.3400, 66.9160

Conversions

Conversions Part 2

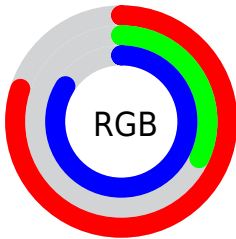
Format	Color
R _Y B	203, 81, 213
Decimal	13324757
CIE Lab	55.47, 65.33, -45.51
CIE LCh	55, 79.622, 325.140
Yxy	23.3855, 0.3084, 0.1822
Android (android.graphics.Color)	4291514837 (0xFFFCB51D5)
YUV	132.5260, 39.6737, 61.8057
Hunter-Lab	48.3585, 61.4742, -46.3064

Details

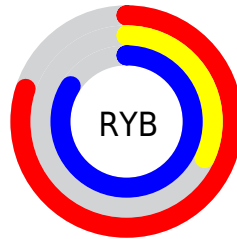
The Hex color **CB51D5** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **5BD551**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF89FF**, and **910A9E** is the 20% darker color. If you saturate the color by 10%, you get **C93CD5**, and if you desaturate by 10%, it is **CD66D5**.

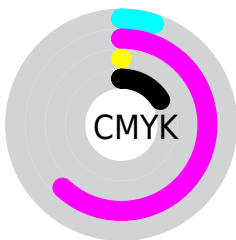
Distribution



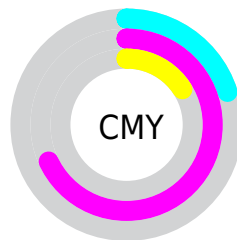
- Red (80%)
- Green (32%)
- Blue (84%)



- Red (80%)
- Yellow (32%)
- Blue (84%)



- Cyan (5%)
- Magenta (62%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (68%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB51D5 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 CB51D5 by changing the saturation by 10% instead.

 CB51D5

 CB51D5

FFFFFF

 AE33B9

 FF89FF

 910A9E

 FFA6FF

 750083

 FFC2FF

 5A0069

 FFE0FF

 3F0051

 FFFDFF

 250039

 000022

 000008

 000000

 CB51D5

 CB51D5

 C93CD5

 CD66D5

 C826D5

 CE7CD5

 C611D5

 D091D5

 C500D5

 D1A6D5

 D3BBD5

 D5D1D5

 D6E6D5

 D8FBD5

 DAFFD5

Harmonies

Analogous

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



6178FF



CB51D5



F62A93

Triad

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



CB51D5



AA7E00



00A2BE

Complementary

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



CB51D5



5BD551

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.



00A277



CB51D5



689200

Square

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



CB51D5



DC5F00



009D2D



009EF6

Rectangle

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



CB51D5



FC2B65



009D2D



00A3A7

Sweetspot

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



CB51D5



FBCFFF



515CD5



7D6280



000000



808080

Same Dimension

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



CB51D5



F142FF



D5519E



6A606B



9E00AB



28002B

Inverse Universe

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



D5515B



FF4251



51D588



6B6061



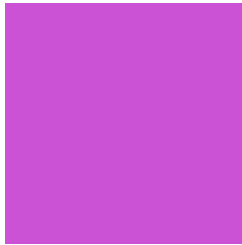
AB000D



2B0003

Previews

White Background



This preview shows how the Hex color CB51D5 looks on a white background.

Color Contrast Check

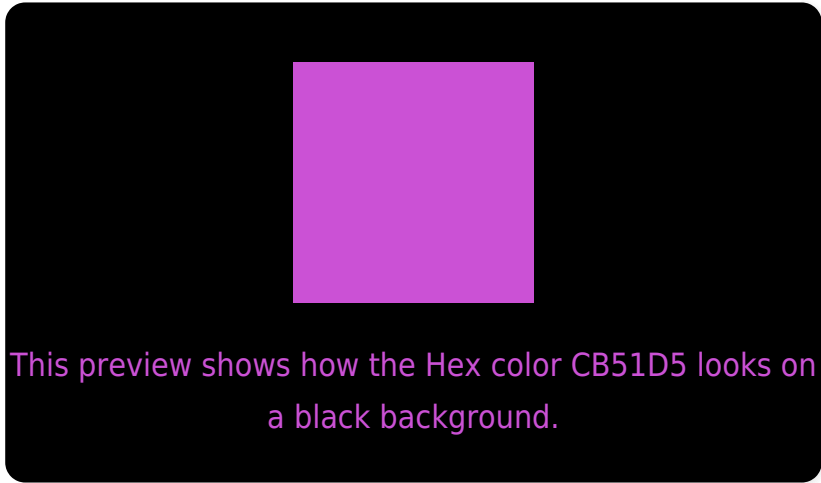
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB51D5 Background



This preview shows how black text looks on a background with the Hex color CB51D5.

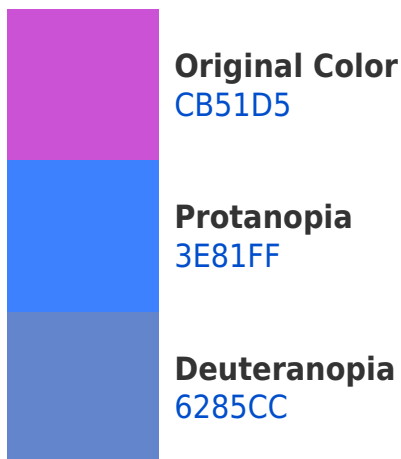


This preview shows how white text looks on a background with the Hex color CB51D5.

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](#).

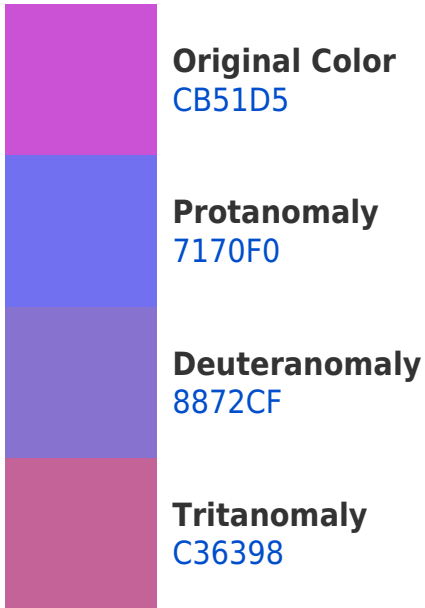
Dichromacy



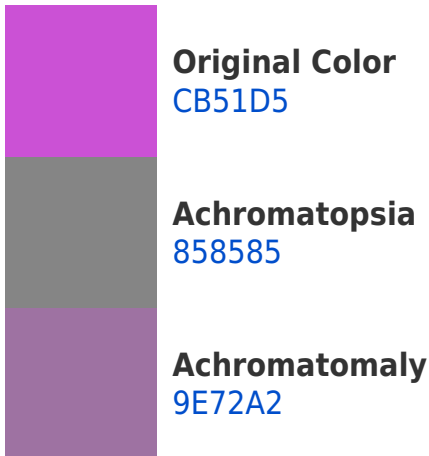


Tritanopia
BF6D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB51D5 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 #CB51D5 looks like.

```
.text, #text, p{  
    color:#CB51D5  
}
```

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 #CB51D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB51D5
}
```

Border

The CSS property to change the border of an element to Hex CB51D5 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
#CB51D5 }
```

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

```
.border{ border-color:#CB51D5 }
```

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

Here you see how a box with a 4 pixel #CB51D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB51D5; -webkit-box-shadow:4px 4px  
4px 4px #CB51D5; box-shadow:4px 4px 4px  
4px #CB51D5 }
```

Background

The CSS property to change the background color of an element to Hex CB51D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB51D5 }
```

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

```
.background{ background-color:#CB51D5 }
```

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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