

Converting Colors

Hex(CB31C0)

Have a look what the booklet for
Hex(CB31C0) contains.

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Color

Hex(CB31C0)

Conversions

Conversions Part 1

Format	Color
Hex	CB31C0
RGB	203, 49, 192
RGB Percent	80%, 19%, 75%
CMY	0.2039, 0.8078, 0.2471
CMYK	0.00, 0.76, 0.05, 0.20
HSL	304°, 61%, 49%
HSV	304°, 76%, 80%
XYZ	35.2413, 18.6989, 51.6210
YIQ	111.3480, 45.8810, 77.1210

Conversions

Conversions Part 2

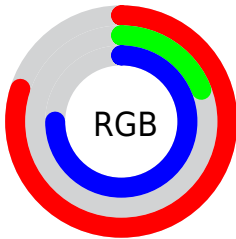
Format	Color
R_{YB}	203, 49, 192
Decimal	13316544
CIE _{Lab}	50.33, 73.29, -41.58
CIE _{LCh}	50, 84.261, 330.429
Yxy	18.6989, 0.3338, 0.1771
Android (android.graphics.Color)	4291506624 (0xFFCB31C0)
YUV	111.3480, 39.7614, 80.3788
Hunter-Lab	43.2422, 69.7991, -40.5087

Details

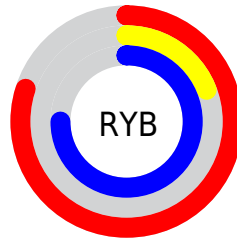
The Hex color **CB31C0** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **31CB3C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF70F9**, and **91008A** is the 20% darker color. If you saturate the color by 10%, you get **CB1DBF**, and if you desaturate by 10%, it is **CB45C1**.

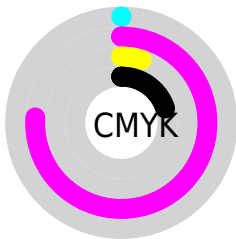
Distribution



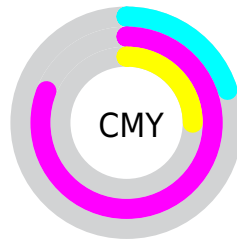
- Red (80%)
- Green (19%)
- Blue (75%)



- Red (80%)
- Yellow (19%)
- Blue (75%)



- Cyan (0%)
- Magenta (76%)
- Yellow (5%)
- Black (20%)



- Cyan (20%)
- Magenta (81%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB31C0 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 CB31C0 by changing the saturation by 10% instead.

 CB31C0

 CB31C0

FFFFFF

 AE00A5

 FF70F9

 91008A

 FF8DFF

 740070

 FFAAFF

 580057

 FFC7FF

 3F003F

 FFE5FF

 210028

 000111

 000000

 CB31C0

 CB31C0

■ CB1DBF

■ CB45C1

■ CB08BD

■ CB5AC3

■ CB00BD

■ CB6EC4

■ CB82C6

■ CB97C7

■ CBABC9

■ CBBFCA

■ CBD3CC

■ CBE8CD

Harmonies

Analogous

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



6A64F6



CB31C0



EF007A

Triad

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



CB31C0



917600



0095BF

Complementary

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



CB31C0



31CB3C

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.



009577



CB31C0



478800

Square

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



CB31C0



C75600



009128



0090F6

Rectangle

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



CB31C0



F0004B



009128



0095A8

Sweetspot

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



CB31C0



FFC4FB



3B31CB



805C7D



000000



808080

Same Dimension

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



CB31C0



FF17EE



CB3174



665C65



A6009A



260024

Inverse Universe

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



CB31C0



FF17EE



31CB88



665C65



A6009A



260024

Previews

White Background



This preview shows how the Hex color CB31C0 looks on a white background.

Color Contrast Check

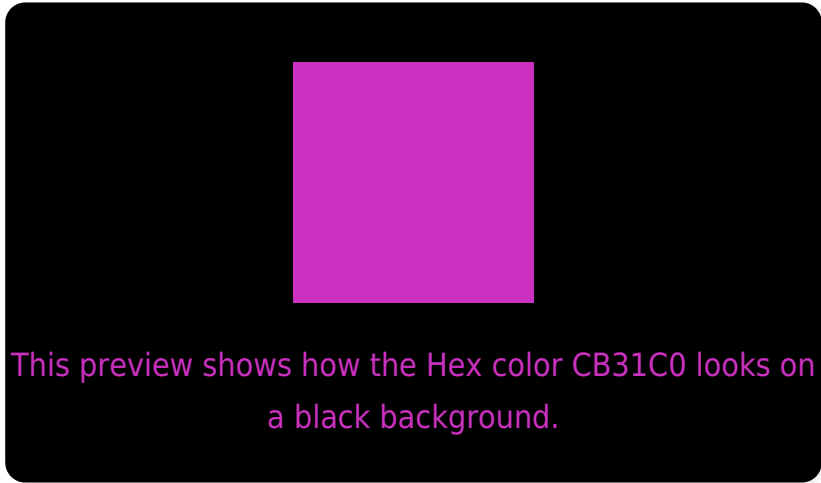
Large Text (above 18pt) WCAG AA ✓ Pass

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

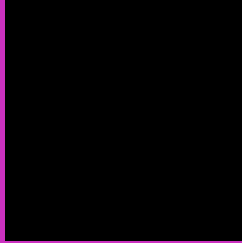
Any Text WCAG AA ✓ Pass

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 CB31C0 Background



This preview shows how black text looks on a background with the Hex color CB31C0.

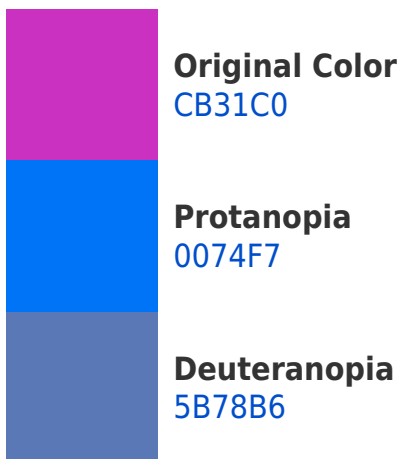



This preview shows how white text looks on a background with the Hex color CB31C0.

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
C0565C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB31C0 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 #CB31C0 looks like.

```
.text, #text, p{  
    color:#CB31C0  
}
```

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 #CB31C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB31C0
}
```

Border

The CSS property to change the border of an element to Hex CB31C0 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
#CB31C0 }
```

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

```
.border{ border-color:#CB31C0 }
```

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

Here you see how a box with a 4 pixel #CB31C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB31C0; -webkit-box-shadow:4px 4px  
4px 4px #CB31C0; box-shadow:4px 4px 4px  
4px #CB31C0 }
```

Background

The CSS property to change the background color of an element to Hex CB31C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB31C0 }
```

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

```
.background{ background-color:#CB31C0 }
```

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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