

# Converting Colors

Hex(CB01A7)

Have a look what the booklet for  
Hex(CB01A7) contains.

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**Color**

**Hex(CB01A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB01A7
RGB	203, 1, 167
RGB Percent	80%, 0%, 65%
CMY	0.2039, 0.9961, 0.3451
CMYK	0.00, 1.00, 0.18, 0.20
HSL	311°, 99%, 40%
HSV	311°, 100%, 80%
XYZ	31.6145, 15.5082, 37.8863
YIQ	80.3220, 67.1060, 94.4500

# Conversions

## Conversions Part 2

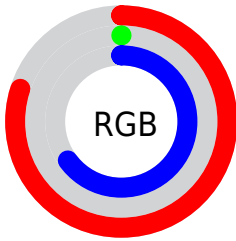
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 1, 167
Decimal	13304231
CIE <sub>Lab</sub>	46.32, 77.80, -33.22
CIE <sub>LCh</sub>	46, 84.596, 336.879
Yxy	15.5082, 0.3719, 0.1824
Android (android.graphics.Color)	4291494311 (0xFFCB01A7)
YUV	80.3220, 42.7323, 107.5886
Hunter-Lab	39.3805, 74.3832, -29.4741

# Details

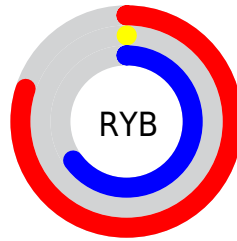
The Hex color **CB01A7** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **01CB25**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5BDF**, and **900072** is the 20% darker color. If you saturate the color by 10%, you get **CB00A7**, and if you desaturate by 10%, it is **CB15AB**.

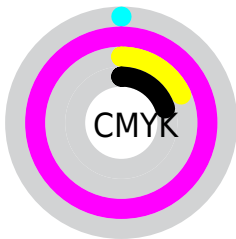
# Distribution



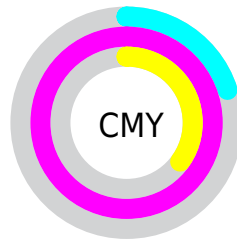
- Red (80%)
- Green (0%)
- Blue (65%)



- Red (80%)
- Yellow (0%)
- Blue (65%)



- Cyan (0%)
- Magenta (100%)
- Yellow (18%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB01A7 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 CB01A7 by changing the saturation by 10% instead.



 CB01A7

 CB01A7

FFFFFF

 AD008C

 FF5BDF

 900072

 FF79FB

 73005A

 FF97FF

 560042

 FFB5FF

 3B002B

 FFD3FF

 1C0015

 FFF1FF

 000000

 CB01A7

 CB01A7

 CB00A7

 CB15AB

 CB2AAE

 CB3EB2

 CB52B5

 CB66B9

 CB7BBD

 CB8FC0

 CBA3C4

 CBB8C8

# Harmonies

## Analogous

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



7C50E1



CB01A7



E40061

# Triad

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



CB01A7



787100



008AC2

# Complementary

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



CB01A7



01CB25

# 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.



008A7D



CB01A7



1D8000

# Square

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



CB01A7



B15400



008731



0084F2

# Rectangle

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



CB01A7



E00033



008731



008AAD



# Sweetspot

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



CB01A7



FFB3F1



2301CB



805277



000000



808080



# Same Dimension

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



CB01A7



FF00D2



CB0144



665C64



A60088



26001F



# Inverse Universe

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



CB01A7



FF00D2



01CB88



665C64



A60088



26001F



# Previews

## White Background



This preview shows how the Hex color CB01A7 looks on a white background.

## Color Contrast Check

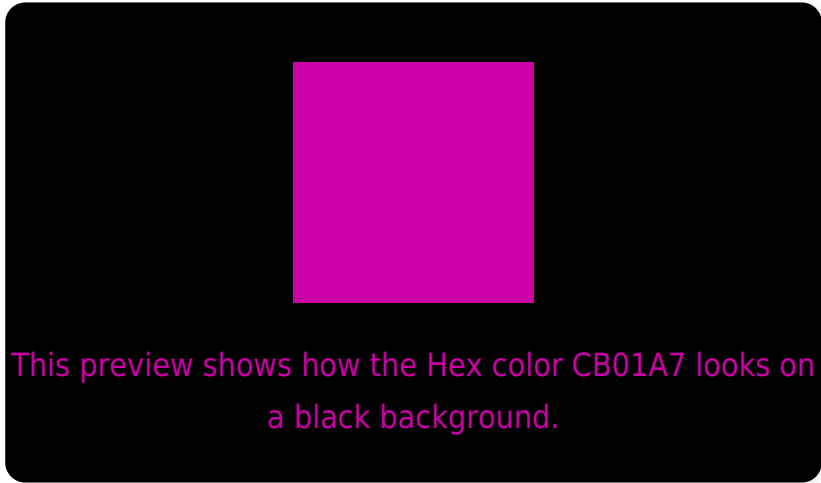
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

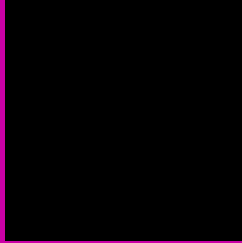
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex CB01A7 Background



This preview shows how black text looks on a background with the Hex color CB01A7.

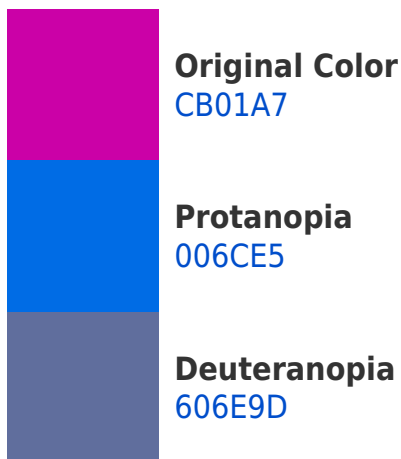


This preview shows how white text looks on a background with the Hex color CB01A7.

# 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**  
C34245

# Trichromacy



**Original Color**  
CB01A7



**Protanomaly**  
4A45CE



**Deuteranomaly**  
8746A1



**Tritanomaly**  
C62A69

# Monochromacy



**Original Color**  
CB01A7



**Achromatopsia**  
505050



**Achromatomaly**  
7D3370

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB01A7 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 #CB01A7 looks like.

```
.text, #text, p{  
    color:#CB01A7  
}
```

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 #CB01A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB01A7
}
```

## Border

The CSS property to change the border of an element to Hex CB01A7 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
#CB01A7 }
```

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

```
.border{ border-color:#CB01A7 }
```

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

Here you see how a box with a 4 pixel #CB01A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB01A7; -webkit-box-shadow:4px 4px  
4px 4px #CB01A7; box-shadow:4px 4px 4px  
4px #CB01A7 }
```

# Background

The CSS property to change the background color of an element to Hex CB01A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB01A7 }
```

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

```
.background{ background-color:#CB01A7 }
```

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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