

Converting Colors

Hex(CB76CB)

Have a look what the booklet for
Hex(CB76CB) contains.

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Color

Hex(CB76CB)

Conversions

Conversions Part 1

Format	Color
Hex	CB76CB
RGB	203, 118, 203
RGB Percent	80%, 46%, 80%
CMY	0.2039, 0.5373, 0.2039
CMYK	0.00, 0.42, 0.00, 0.20
HSL	300°, 45%, 63%
HSV	300°, 42%, 80%
XYZ	41.8865, 29.9652, 60.0761
YIQ	153.1050, 23.3750, 44.4550

Conversions

Conversions Part 2

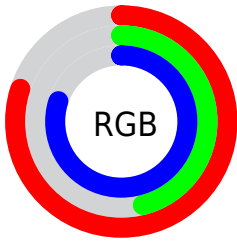
Format	Color
R _Y B	203, 118, 203
Decimal	13334219
CIE Lab	61.62, 45.91, -30.20
CIE LCh	62, 54.952, 326.659
Yxy	29.9652, 0.3175, 0.2271
Android (android.graphics.Color)	4291524299 (0xFFFCB76CB)
YUV	153.1050, 24.5982, 43.7579
Hunter-Lab	54.7405, 40.7896, -26.7508

Details

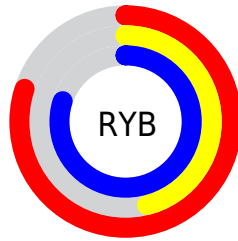
The Hex color **CB76CB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **76CB76**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFACFF**, and **934295** is the 20% darker color. If you saturate the color by 10%, you get **CB62CB**, and if you desaturate by 10%, it is **CB8ACB**.

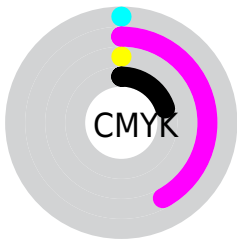
Distribution



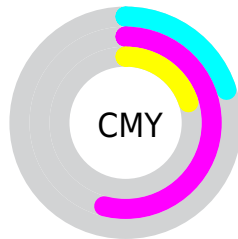
- Red (80%)
- Green (46%)
- Blue (80%)



- Red (80%)
- Yellow (46%)
- Blue (80%)



- Cyan (0%)
- Magenta (42%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (54%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB76CB 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 CB76CB by changing the saturation by 10% instead.

 CB76CB

 CB76CB

FFFFFF

 AF5CAF

 FFACFF

 934295

 FFC8FF

 78287B

 FFE5FF

 5E0861

 440049

 2D0032

 07001C

 000000

 CB76CB

 CB76CB

 CB62CB

 CB8ACB

 CB4DCB

 CB9FCB

 CB39CB

 CBB3CB

 CB25CB

 CBC7CB

 CB11CB

 CBDCCB

 CB00CB

 CBF0CB

 CBFFCB

Harmonies

Analogous

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



8D8AEC



CB76CB



EA699C

Triad

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



CB76CB



B4902D



00ACBF

Complementary

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



CB76CB



76CB76

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.



00AC8E



CB76CB



849F38

Square

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



CB76CB



D87E44



43A85D



00A7E5

Rectangle

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



CB76CB



EE6A7C



43A85D



00ADAF

Sweetspot

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



CB76CB



FFDEFF



7676CB



806B80



000000



808080

Same Dimension

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



CB76CB



FF80FF



CB76A1



665C66



A600A6



260026

Inverse Universe

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



CB76CB



FF80FF



76CBA1



665C66



A600A6



260026

Previews

White Background



This preview shows how the Hex color CB76CB looks on a white background.

Color Contrast Check

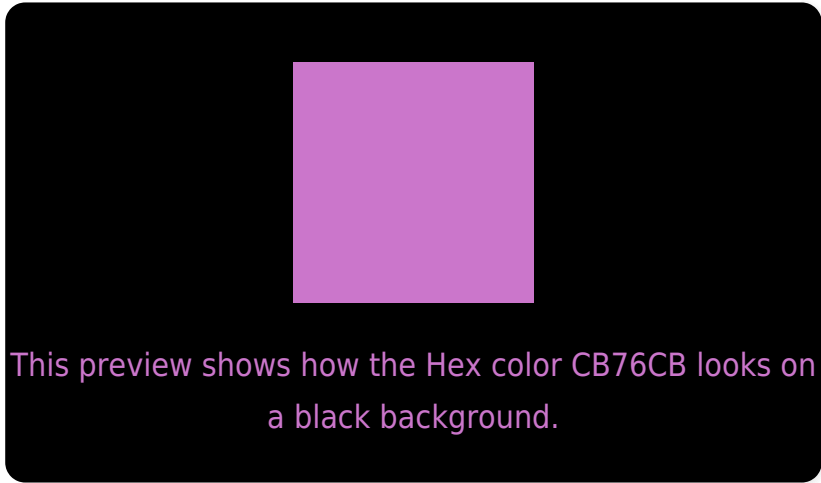
Large Text (above 18pt) WCAG AA ✓ Pass

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

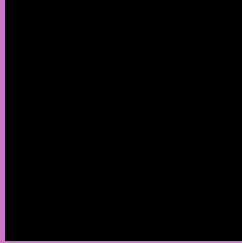
Any Text WCAG AA ✓ Pass

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 CB76CB Background



This preview shows how black text looks on a background with the Hex color CB76CB.

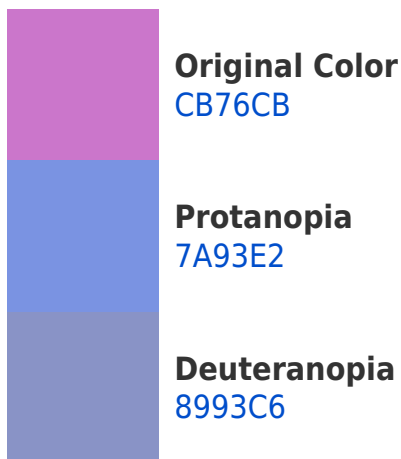



This preview shows how white text looks on a background with the Hex color CB76CB.

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](#).

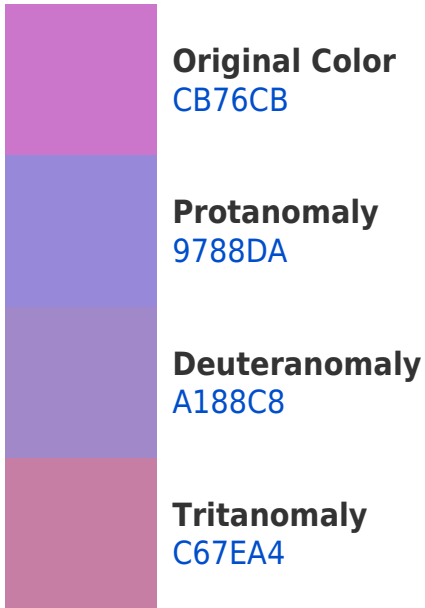
Dichromacy



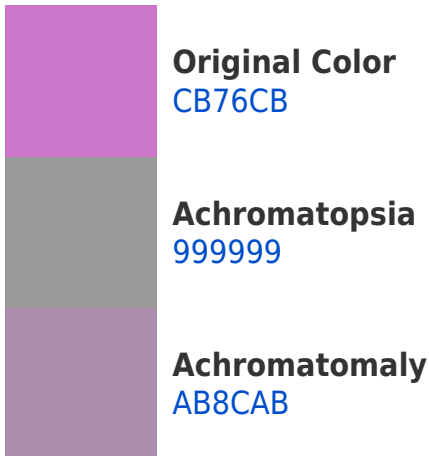


Tritanopia
C3838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB76CB 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 #CB76CB looks like.

```
.text, #text, p{  
    color:#CB76CB  
}
```

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 #CB76CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB76CB  
}
```

Border

The CSS property to change the border of an element to Hex CB76CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

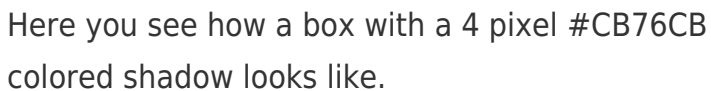
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#CB76CB }
```

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

```
.border{ border-color:#CB76CB }
```

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



Here you see how a box with a 4 pixel `#CB76CB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB76CB; -webkit-box-shadow:4px 4px  
4px 4px #CB76CB; box-shadow:4px 4px 4px  
4px #CB76CB }
```

Background

The CSS property to change the background color of an element to Hex CB76CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB76CB }
```

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

```
.background{ background-color:#CB76CB }
```

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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