

Converting Colors

Hex(CB75CA)

Have a look what the booklet for
Hex(CB75CA) contains.

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Color

Hex(CB75CA)

Conversions

Conversions Part 1

Format	Color
Hex	CB75CA
RGB	203, 117, 202
RGB Percent	80%, 46%, 79%
CMY	0.2039, 0.5412, 0.2078
CMYK	0.00, 0.42, 0.00, 0.20
HSL	301°, 45%, 63%
HSV	301°, 42%, 80%
XYZ	41.6506, 29.6834, 59.4114
YIQ	152.4040, 23.9710, 44.6670

Conversions

Conversions Part 2

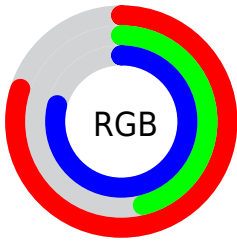
Format	Color
R _{YB}	203, 117, 202
Decimal	13333962
CIE Lab	61.38, 46.24, -30.02
CIE LCh	61, 55.132, 327.013
Yxy	29.6834, 0.3186, 0.2270
Android (android.graphics.Color)	4291524042 (0xFFFCB75CA)
YUV	152.4040, 24.4508, 44.3727
Hunter-Lab	54.4824, 41.1149, -26.5161

Details

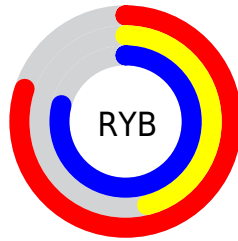
The Hex color **CB75CA** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **75CB76**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFABFF**, and **934194** is the 20% darker color. If you saturate the color by 10%, you get **CB61CA**, and if you desaturate by 10%, it is **CB89CA**.

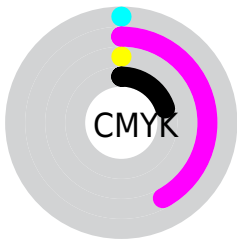
Distribution



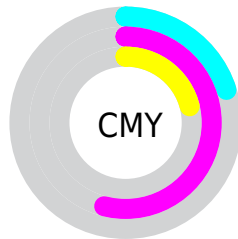
- Red (80%)
- Green (46%)
- Blue (79%)



- Red (80%)
- Yellow (46%)
- Blue (79%)



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



- Cyan (20%)
- Magenta (54%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB75CA 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 CB75CA by changing the saturation by 10% instead.

 CB75CA

 CB75CA

FFFFFF

 AF5BAE

 FFABFF

 934194

 FFC7FF

 78277A

 FFE4FF

 5E0660

 440048

 2E0032

 06001C

 000000

 CB75CA

 CB75CA

 CB61CA

 CB89CA

 CB4CCA

 CB9ECA

 CB38C9

 CBB2CB

 CB24C9

 CBC6CB

 CB10C9

 CBDBCB

 CB00C9

 CBEFCB

 CBFFCC

Harmonies

Analogous

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



8D89EB



CB75CA



E9689B

Triad

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



CB75CA



B3902C



00ABBF

Complementary

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



CB75CA



75CB76

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



CB75CA



839E37

Square

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



CB75CA



D77D42



41A75D



00A6E5

Rectangle

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



CB75CA



EE697A



41A75D



00ACAF

Sweetspot

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



CB75CA



FFDEFF



7575CB



806B7F



000000



808080

Same Dimension

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



CB75CA



FF7DFD



CB75A0



665C66



A600A4



260026

Inverse Universe

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



CB75CA



FF7DFD



75CBA0



665C66



A600A4



260026

Previews

White Background



This preview shows how the Hex color CB75CA looks on a white background.

Color Contrast Check

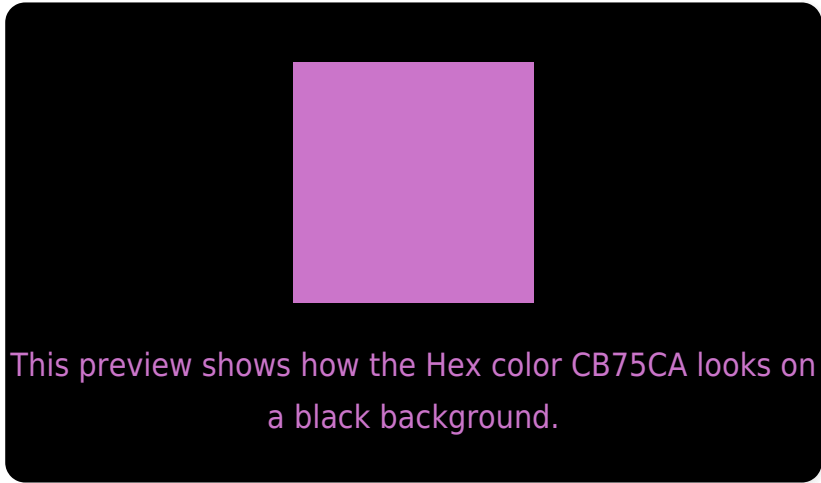
Large Text (above 18pt) WCAG AA ✓ Pass

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

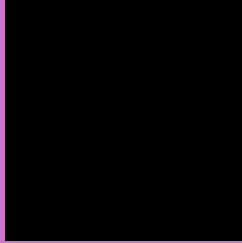
Any Text WCAG AA ✓ Pass

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 CB75CA Background



This preview shows how black text looks on a background with the Hex color CB75CA.

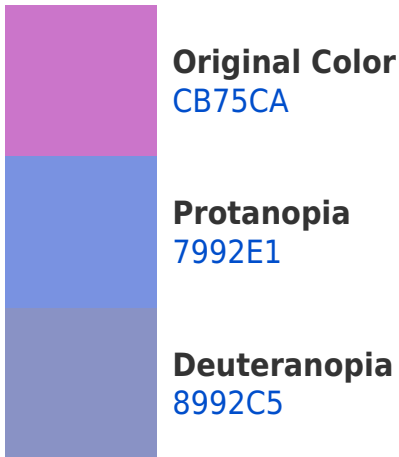



This preview shows how white text looks on a background with the Hex color CB75CA.

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](#).

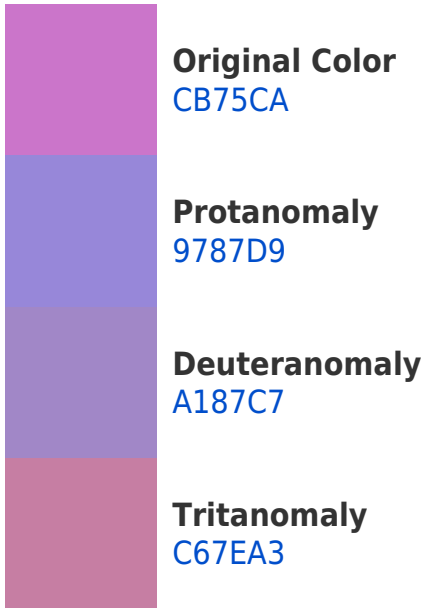
Dichromacy



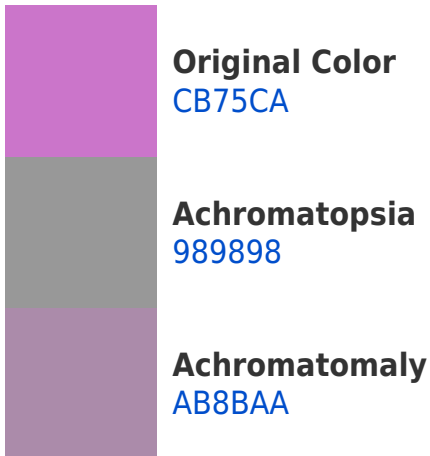


Tritanopia
C3838C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB75CA 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 #CB75CA looks like.

```
.text, #text, p{  
    color:#CB75CA  
}
```

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 #CB75CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB75CA
}
```

Border

The CSS property to change the border of an element to Hex CB75CA 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
#CB75CA }
```

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

```
.border{ border-color:#CB75CA }
```

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

Here you see how a box with a 4 pixel #CB75CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB75CA; -webkit-box-shadow:4px 4px  
4px 4px #CB75CA; box-shadow:4px 4px 4px  
4px #CB75CA }
```

Background

The CSS property to change the background color of an element to Hex CB75CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB75CA }
```

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

```
.background{ background-color:#CB75CA }
```

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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