

Converting Colors

Hex(CB86CB)

Have a look what the booklet for
Hex(CB86CB) contains.

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Color

Hex(CB86CB)

Conversions

Conversions Part 1

Format	Color
Hex	CB86CB
RGB	203, 134, 203
RGB Percent	80%, 53%, 80%
CMY	0.2039, 0.4745, 0.2039
CMYK	0.00, 0.34, 0.00, 0.20
HSL	300°, 40%, 66%
HSV	300°, 34%, 80%
XYZ	43.9332, 34.0585, 60.7583
YIQ	162.4970, 18.9750, 36.0870

Conversions

Conversions Part 2

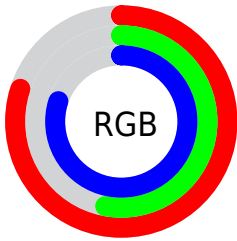
Format	Color
RYB	203, 134, 203
Decimal	13338315
CIELab	65.01, 37.42, -24.99
CIELCh	65, 44.992, 326.266
Yxy	34.0585, 0.3166, 0.2455
Android (android.graphics.Color)	4291528395 (0xFFCB86CB)
YUV	162.4970, 19.9680, 35.5211
Hunter-Lab	58.3597, 32.2455, -20.8751

Details

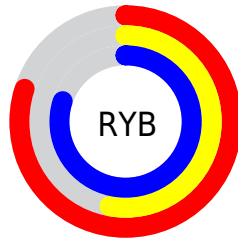
The Hex color **CB86CB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **86CB86**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFBCFF**, and **945395** is the 20% darker color. If you saturate the color by 10%, you get **CB72CB**, and if you desaturate by 10%, it is **CB9ACB**.

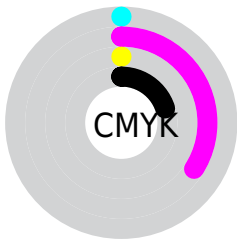
Distribution



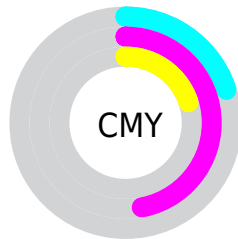
- Red (80%)
- Green (53%)
- Blue (80%)



- Red (80%)
- Yellow (53%)
- Blue (80%)



- Cyan (0%)
- Magenta (34%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB86CB 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 CB86CB by changing the saturation by 10% instead.

 CB86CB

 CB86CB

FFFFFF

 AF6CAF

 FFBCFF

 945395

 FFD8FF

 793A7B

 FFF5FF

 5F2162

 46064A

 2E0033

 14001D

 000000

 CB86CB

 CB86CB

 CB72CB

 CB9ACB

 CB5DCB

 CBAFCB

 CB49CB

 CBC3CB

 CB35CB

 CBD7CB

 CB21CB

 CBECCB

 CB0CCB

 CBFFCB

 CB00CB

Harmonies

Analogous

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



9995E6



CB86CB



E67DA4

Triad

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



CB86CB



BB9A4C



00B2C0

Complementary

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



CB86CB



86CB86

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.



00B297



CB86CB



92A653

Square

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



CB86CB



D98B5C



61AE6F



00ADE0

Rectangle

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



CB86CB



EA7D89



61AE6F



00B2B3

Sweetspot

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



CB86CB



FFE6FF



8686CB



807080



000000



808080

Same Dimension

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



CB86CB



FF96FF



CB86A9



665C66



A600A6



260026

Inverse Universe

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



CB86CB



FF96FF



86CBA9



665C66



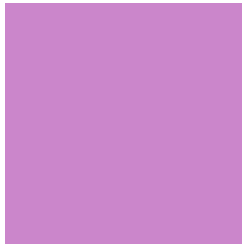
A600A6



260026

Previews

White Background



This preview shows how the Hex color CB86CB looks on a white background.

Color Contrast Check

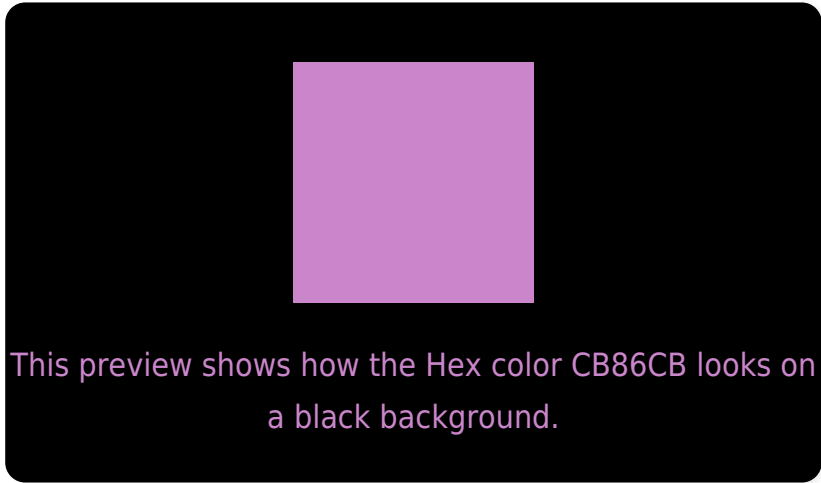
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex CB86CB Background



This preview shows how black text looks on a background with the Hex color CB86CB.

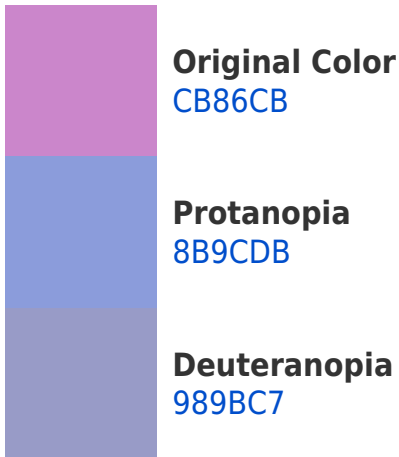


This preview shows how white text looks on a background with the Hex color CB86CB.

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](#).

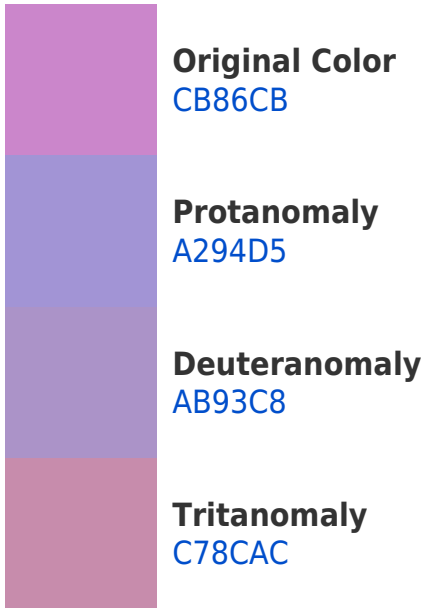
Dichromacy



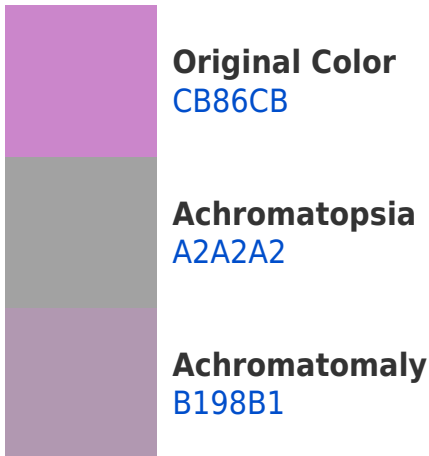


Tritanopia
C5909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB86CB 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 #CB86CB looks like.

```
.text, #text, p{  
    color:#CB86CB  
}
```

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 #CB86CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB86CB
}
```

Border

The CSS property to change the border of an element to Hex CB86CB 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
#CB86CB }
```

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

```
.border{ border-color:#CB86CB }
```

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

Here you see how a box with a 4 pixel #CB86CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB86CB; -webkit-box-shadow:4px 4px  
4px 4px #CB86CB; box-shadow:4px 4px 4px  
4px #CB86CB }
```

Background

The CSS property to change the background color of an element to Hex CB86CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB86CB }
```

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

```
.background{ background-color:#CB86CB }
```

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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