

Converting Colors

Hex(CB67BC)

Have a look what the booklet for
Hex(CB67BC) contains.

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Color

Hex(CB67BC)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CB67BC |
| RGB | 203, 103, 188 |
| RGB Percent | 80%, 40%, 74% |
| CMY | 0.2039, 0.5961, 0.2627 |
| CMYK | 0.00, 0.49, 0.07, 0.20 |
| HSL | 309°, 49%, 60% |
| HSV | 309°, 49%, 80% |
| XYZ | 38.5560, 26.0278, 50.5687 |
| YIQ | 142.5900, 32.3150, 47.6350 |

Conversions

Conversions Part 2

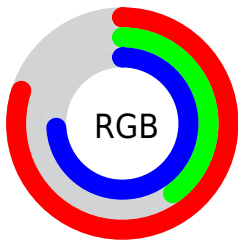
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 203, 103, 188 |
| Decimal | 13330364 |
| CIE Lab | 58.06, 50.89, -27.19 |
| CIE LCh | 58, 57.698, 331.888 |
| Yxy | 26.0278, 0.3348, 0.2260 |
| Android (android.graphics.Color) | 4291520444 (0xFFCB67BC) |
| YUV | 142.5900, 22.3871, 52.9796 |
| Hunter-Lab | 51.0175, 45.6189, -23.0562 |

Details

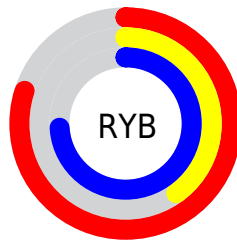
The Hex color **CB67BC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **67CB76**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF9DF4**, and **933186** is the 20% darker color. If you saturate the color by 10%, you get **CB53B9**, and if you desaturate by 10%, it is **CB7BBF**.

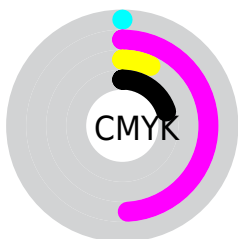
Distribution



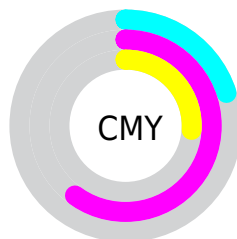
- Red (80%)
- Green (40%)
- Blue (74%)



- Red (80%)
- Yellow (40%)
- Blue (74%)



- Cyan (0%)
- Magenta (49%)
- Yellow (7%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB67BC 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 CB67BC by changing the saturation by 10% instead.

 CB67BC

 CB67BC

FFFFFF

 AE4CA1

 FF9DF4

 933186

 FFB9FF

 77126D

 FFD6FF

 5D0054

 FFF3FF

 43003D

 2C0027

 00010F

 000000

 CB67BC

 CB67BC

 CB53B9

 CB7BBF

 CB3EB6

 CB90C2

 CB2AB3

 CBA4C5

 CB16B0

 CBB8C8

 CB02AD

 CBCDCB

 CB00AD

 CBE1CE

 CBF5D1

 CBFFD4

 CBFFD7

Harmonies

Analogous

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



907DE2



CB67BC



E55B8A

Triad

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



CB67BC



A38A19



00A3C0

Complementary

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



CB67BC



67CB76

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.



00A38D



CB67BC



6F982E

Square

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



CB67BC



CA7730



14A05A



009DE4

Rectangle

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



CB67BC



E65F69



14A05A



00A4B0

Sweetspot

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



CB67BC



FFD9F9



7667CB



80697C



000000



808080

Same Dimension

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



CB67BC



FF69E8



CB678A



665C64



A6008D



260021

Inverse Universe

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



CB67BC



FF69E8



67CBA8



665C64



A6008D



260021

Previews

White Background



This preview shows how the Hex color CB67BC looks on a white background.

Color Contrast Check

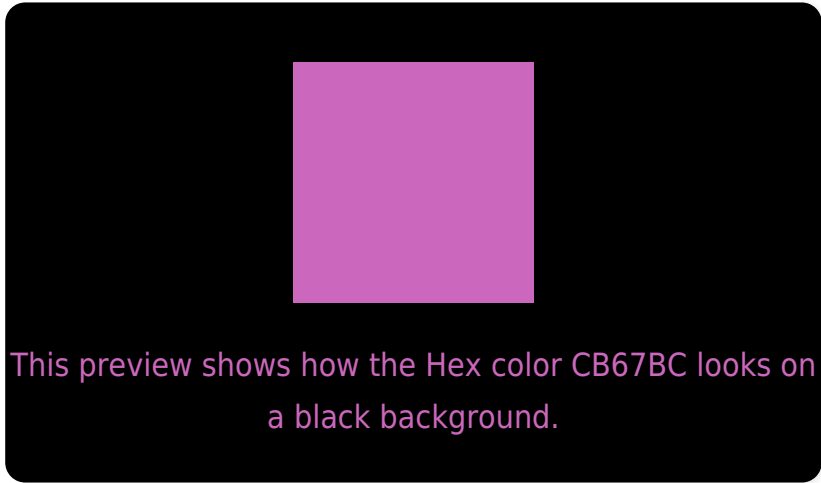
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB67BC Background



This preview shows how black text looks on a background with the Hex color CB67BC.



This preview shows how white text looks on a background with the Hex color CB67BC.

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
C4757E

Trichromacy



Original Color
CB67BC



Protanomaly
917DCD



Deuteranomaly
9D7DB8

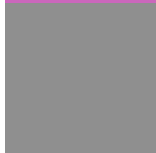


Tritanomaly
C77095

Monochromacy



Original Color
CB67BC



Achromatopsia
8F8F8F



Achromatomaly
A5809F

CSS Examples

Text

The CSS property to change the color of the text to Hex CB67BC 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 #CB67BC looks like.

```
.text, #text, p{  
    color:#CB67BC  
}
```

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 #CB67BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB67BC }  
}
```

Border

The CSS property to change the border of an element to Hex CB67BC 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 #CB67BC }  
}
```

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

```
.border{ border-color:#CB67BC }
```

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

Here you see how a box with a 4 pixel #CB67BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB67BC; -webkit-box-shadow:4px 4px  
4px 4px #CB67BC; box-shadow:4px 4px 4px  
4px #CB67BC }
```

Background

The CSS property to change the background color of an element to Hex CB67BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB67BC }
```

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

```
.background{ background-color:#CB67BC }
```

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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