

Converting Colors

Hex(CB8EC3)

Have a look what the booklet for
Hex(CB8EC3) contains.

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Color

Hex(CB8EC3)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CB8EC3 |
| RGB | 203, 142, 195 |
| RGB Percent | 80%, 56%, 76% |
| CMY | 0.2039, 0.4431, 0.2353 |
| CMYK | 0.00, 0.30, 0.04, 0.20 |
| HSL | 308°, 37%, 68% |
| HSV | 308°, 30%, 80% |
| XYZ | 44.1519, 35.9826, 56.2480 |
| YIQ | 166.2810, 19.3430, 29.4150 |

Conversions

Conversions Part 2

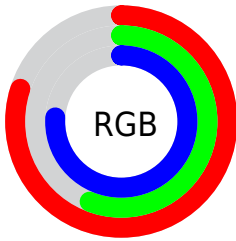
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 203, 142, 195 |
| Decimal | 13340355 |
| CIE Lab | 66.51, 31.60, -18.22 |
| CIE LCh | 67, 36.480, 330.029 |
| Yxy | 35.9826, 0.3237, 0.2638 |
| Android (android.graphics.Color) | 4291530435 (0xFFCB8EC3) |
| YUV | 166.2810, 14.1585, 32.2026 |
| Hunter-Lab | 59.9855, 26.4090, -13.6060 |

Details

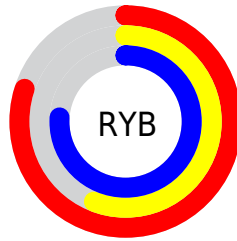
The Hex color **CB8EC3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8ECB96**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFC4FC**, and **945B8D** is the 20% darker color. If you saturate the color by 10%, you get **CB7AC0**, and if you desaturate by 10%, it is **CBA2C6**.

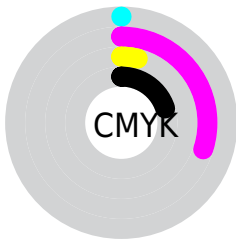
Distribution



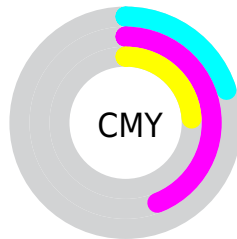
- Red (80%)
- Green (56%)
- Blue (76%)



- Red (80%)
- Yellow (56%)
- Blue (76%)



- Cyan (0%)
- Magenta (30%)
- Yellow (4%)
- Black (20%)



- Cyan (20%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB8EC3 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 CB8EC3 by changing the saturation by 10% instead.

 CB8EC3

 CB8EC3

FFFFFF

 AF74A8

 FFC4FC

 945B8D

 FFE1FF

 7A4274

 FFFDFD

 602A5B

 471343

 2F002D

 170018

 000000

 CB8EC3

 CB8EC3

 CB7AC0

 CBA2C6

 CB65BE

 CBB7C8

 CB51BB

 CBCBCB

 CB3DB8

 CBDFCE

 CB29B6

 CBF4D0

 CB14B3

 CBFFD3

 CB00B0

 CBFFD6

 CBFFD8

 CBFFDB

Harmonies

Analogous

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



A599DA



CB8EC3



DF88A3

Triad

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



CB8EC3



B7A060



0FB2C1

Complementary

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



CB8EC3



8ECB96

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.



41B3A1



CB8EC3



95AA68

Square

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



CB8EC3



D2946A



6EB080



36AEDA

Rectangle

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



CB8EC3



E2898D



6EB080



1EB3B7

Sweetspot

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



CB8EC3



FFE8FC



958ECB



80717E



000000



808080

Same Dimension

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



CB8EC3



FFA3F3



CB8EA5



665C65



A60090



260021

Inverse Universe

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



CB8EC3



FFA3F3



8ECBB4



665C65



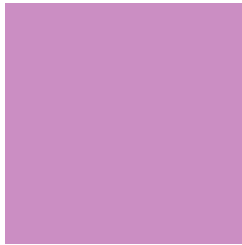
A60090



260021

Previews

White Background



This preview shows how the Hex color CB8EC3 looks on a white background.

Color Contrast Check

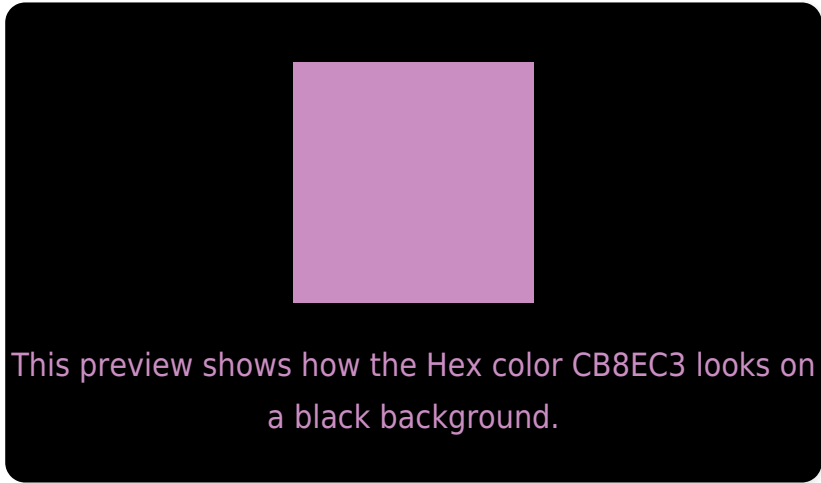
Large Text (above 18pt) WCAG AA × Fail

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

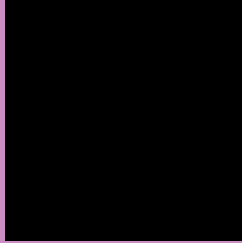
Any Text WCAG AA ✓ Pass

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 CB8EC3 Background



This preview shows how black text looks on a background with the Hex color CB8EC3.

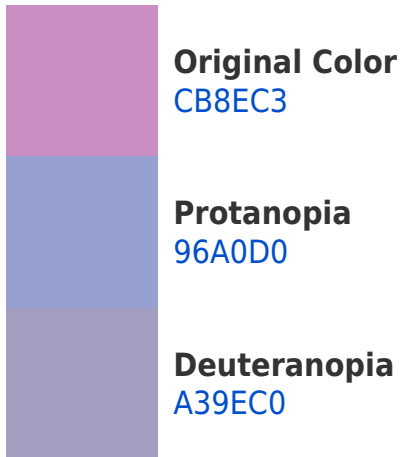


This preview shows how white text looks on a background with the Hex color CB8EC3.

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
C695A0

Trichromacy



Original Color
CB8EC3



Protanomaly
A999CB



Deuteranomaly
B298C1

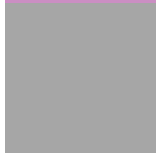


Tritanomaly
C892AD

Monochromacy



Original Color
CB8EC3



Achromatopsia
A6A6A6



Achromatomaly
B39DB1

CSS Examples

Text

The CSS property to change the color of the text to Hex CB8EC3 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 #CB8EC3 looks like.

```
.text, #text, p{  
    color:#CB8EC3  
}
```

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 #CB8EC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB8EC3
}
```

Border

The CSS property to change the border of an element to Hex CB8EC3 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
#CB8EC3 }
```

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

```
.border{ border-color:#CB8EC3 }
```

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

Here you see how a box with a 4 pixel #CB8EC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB8EC3; -webkit-box-shadow:4px 4px  
4px 4px #CB8EC3; box-shadow:4px 4px 4px  
4px #CB8EC3 }
```

Background

The CSS property to change the background color of an element to Hex CB8EC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB8EC3 }
```

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

```
.background{ background-color:#CB8EC3 }
```

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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