

Converting Colors

Hex(C08EB3)

Have a look what the booklet for
Hex(C08EB3) contains.

Hex(C08EB3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C08EB3)

Conversions

Conversions Part 1

Format	Color
Hex	C08EB3
RGB	192, 142, 179
RGB Percent	75%, 56%, 70%
CMY	0.2471, 0.4431, 0.2980
CMYK	0.00, 0.26, 0.07, 0.25
HSL	316°, 28%, 65%
HSV	316°, 26%, 75%
XYZ	39.5479, 33.8071, 47.0889
YIQ	161.1680, 17.9230, 22.1070

Conversions

Conversions Part 2

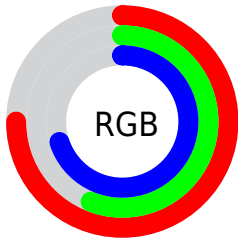
Format	Color
R_{YB}	192, 142, 179
Decimal	12619443
CIE _{Lab}	64.81, 24.96, -11.92
CIE _{LCh}	65, 27.662, 334.475
Yxy	33.8071, 0.3284, 0.2807
Android (android.graphics.Color)	4290809523 (0xFFC08EB3)
YUV	161.1680, 8.7912, 27.0397
Hunter-Lab	58.1439, 19.6590, -7.3163

Details

The Hex color **C08EB3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8EC09B**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **F9C4EB**, and **8A5B7E** is the 20% darker color. If you saturate the color by 10%, you get **C07BAE**, and if you desaturate by 10%, it is **C0A1B8**.

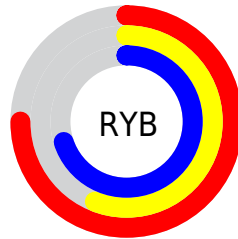
Distribution



Red (75%)

Green (56%)

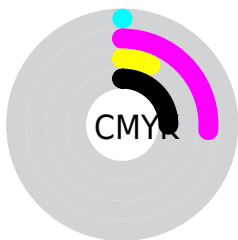
Blue (70%)



Red (75%)

Yellow (56%)

Blue (70%)

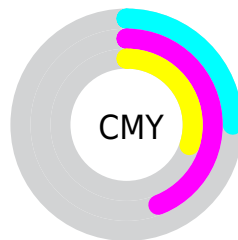


Cyan (0%)

Magenta (26%)

Yellow (7%)

Black (25%)



Cyan (25%)

Magenta (44%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color C08EB3 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 C08EB3 by changing the saturation by 10% instead.



C08EB3



C08EB3

FFFFFF



A57498



F9C4EB



8A5B7E



FFE0FF



704365



FFFDFF



572C4D



3F1636



280021



030007



000000



C08EB3



C08EB3

 C07BAE

 C0A1B8

 C068A9

 C0B4BD

 C054A4

 C0C8C2

 C0419F

 C0DBC7

 C02E9A

 C0EECC

 C01B95

 C0FFD1

 C00890

 C0FFD6

 C0008E

 C0FFDB

 C0FFE0

Harmonies

Analogous

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



A696C6



C08EB3



CE8B9A

Triad

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



C08EB3



AB9D6C



4FAAB8

Complementary

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



C08EB3



8EC09B

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.



5AABA0



C08EB3



90A474

Square

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



C08EB3



C19471



74A987



60A5C9

Rectangle

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



C08EB3



CF8C8A



74A987



4FABB1

Sweetspot

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



C08EB3



FAE6F5



9B8EC0



7D707A



FCFCFC



7D7D7D

Same Dimension

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



C08EB3



FAACE6



C08E9B



61575E



A10077



210019

Inverse Universe

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



C08EB3



FAACE6



8EC0B4



61575E



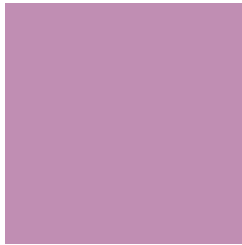
A10077



210019

Previews

White Background



This preview shows how the Hex color C08EB3 looks on a white background.

Color Contrast Check

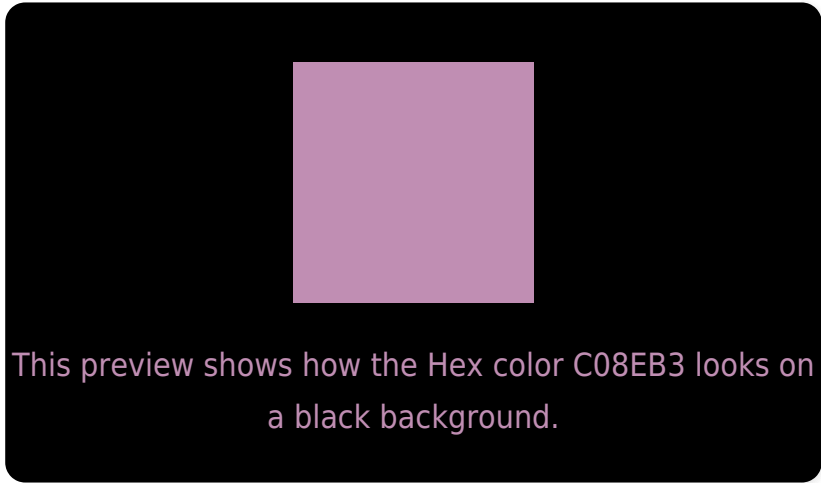
Large Text (above 18pt) WCAG AA × Fail

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

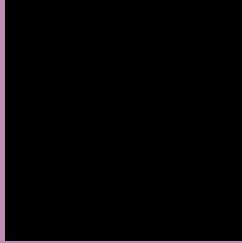
Any Text WCAG AA ✓ Pass

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 C08EB3 Background



This preview shows how black text looks on a background with the Hex color C08EB3.




This preview shows how white text looks on a background with the Hex color C08EB3.

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
BD929D

Trichromacy



Original Color
C08EB3

Protanomaly
A697B9

Deuteranomaly
AE95B2

Tritanomaly
BE91A5

Monochromacy



Original Color
C08EB3

Achromatopsia
A1A1A1

Achromatomaly
AC9AA8

CSS Examples

Text

The CSS property to change the color of the text to Hex C08EB3 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 #C08EB3 looks like.

```
.text, #text, p{  
    color:#C08EB3  
}
```

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 #C08EB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C08EB3
}
```

Border

The CSS property to change the border of an element to Hex C08EB3 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
#C08EB3 }
```

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

```
.border{ border-color:#C08EB3 }
```

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

Here you see how a box with a 4 pixel #C08EB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C08EB3; -webkit-box-shadow:4px 4px  
4px 4px #C08EB3; box-shadow:4px 4px 4px  
4px #C08EB3 }
```

Background

The CSS property to change the background color of an element to Hex C08EB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C08EB3 }
```

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

```
.background{ background-color:#C08EB3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor