

# Converting Colors

Hex(C208CC)

Have a look what the booklet for  
Hex(C208CC) contains.

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**Color**

**Hex(C208CC)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C208CC                     |
| RGB           | 194, 8, 204                |
| RGB Percent   | 76%, 3%, 80%               |
| CMY           | 0.2392, 0.9686, 0.2000     |
| CMYK          | 0.05, 0.96, 0.00, 0.20     |
| HSL           | 297°, 92%, 42%             |
| HSV           | 297°, 96%, 80%             |
| XYZ           | 33.2341, 16.0026, 58.4639  |
| YIQ           | 85.9580, 47.9400, 100.3880 |

# Conversions

## Conversions Part 2

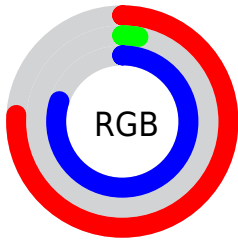
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 194, 8, 204                   |
| Decimal                             | 12716236                      |
| CIELab                              | 46.98, 80.79, -53.97          |
| CIELCh                              | 47, 97.164, 326.255           |
| Yxy                                 | 16.0026, 0.3086,<br>0.1486    |
| Android<br>(android.graphics.Color) | 4290906316<br>(0xFFC208CC)    |
| YUV                                 | 85.9580, 58.1947,<br>94.7528  |
| Hunter-Lab                          | 40.0033, 78.2890,<br>-58.6487 |

# Details

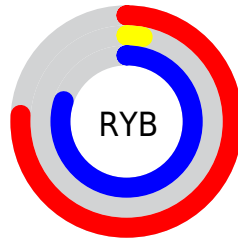
The Hex color **C208CC** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **12CC08**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FE5DFF**, and **870095** is the 20% darker color. If you saturate the color by 10%, you get **C200CC**, and if you desaturate by 10%, it is **C31CCC**.

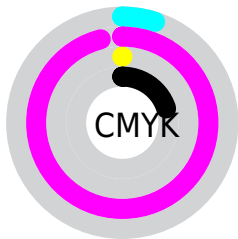
# Distribution



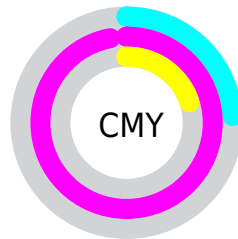
- Red (76%)
- Green (3%)
- Blue (80%)



- Red (76%)
- Yellow (3%)
- Blue (80%)



- Cyan (5%)
- Magenta (96%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (97%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C208CC 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 C208CC by changing the saturation by 10% instead.



 C208CC

 C208CC

FFFFFF

 A400B0

 FE5DFF

 870095

 FF7BFF

 6A007A

 FF99FF

 4E0061

 FFB7FF

 330048

 FFD5FF

 110030

 FFF3FF

 00011A

 000000

 C208CC

 C208CC

 C200CC

 C31CCC

 C431CC

 C545CC

 C65ACC

 C76ECC

 C882CC

 C997CC

 CAABCC

 CBC0CC

# Harmonies

## Analogous

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



1B5FFF



C208CC



F1007E

# Triad

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



C208CC



916900



008FB7

# Complementary

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



C208CC



12CC08

# 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.



008D62



C208CC



3E7F00

# Square

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



C208CC



CC3D00



008900



008CF9

# Rectangle

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



C208CC



F50048



008900



008F9B



# Sweetspot

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



C208CC



FBB5FF



0815CC



7D5380



000000



808080



# Same Dimension

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



C208CC



F200FF



CC0877



655C66



9D00A6



240026



# Inverse Universe

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



CC0812



FF000D



08CC5D



665C5C



A60008



260002



# Previews

## White Background



This preview shows how the Hex color C208CC looks on a white background.

## Color Contrast Check

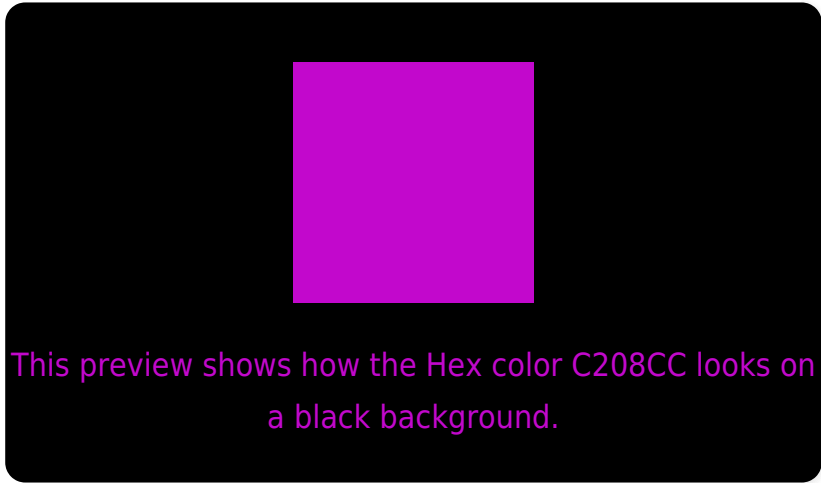
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

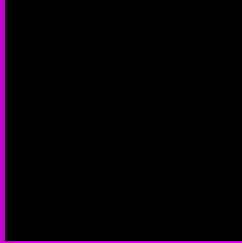
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex C208CC Background



This preview shows how black text looks on a background with the Hex color C208CC.



This preview shows how white text looks on a background with the Hex color C208CC.

# 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**  
B45056

# Trichromacy



**Original Color**  
C208CC



**Protanomaly**  
4748DD



**Deuteranomaly**  
6A4BC4



**Tritanomaly**  
B93681

# Monochromacy



**Original Color**  
C208CC



**Achromatopsia**  
565656



**Achromatomaly**  
7D3A81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C208CC 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 #C208CC looks like.

```
.text, #text, p{  
    color:#C208CC  
}
```

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 #C208CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C208CC
}
```

## Border

The CSS property to change the border of an element to Hex C208CC 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".

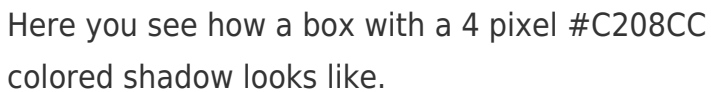
```
.border, #border, table{ border:4px solid
#C208CC }
```

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

```
.border{ border-color:#C208CC }
```

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

Here you see how a box with a 4 pixel #C208CC colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C208CC; -webkit-box-shadow:4px 4px  
4px 4px #C208CC; box-shadow:4px 4px 4px  
4px #C208CC }
```

# Background

The CSS property to change the background color of an element to Hex C208CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C208CC }
```

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

```
.background{ background-color:#C208CC }
```

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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