

Converting Colors

Hex(C800EA)

Have a look what the booklet for
Hex(C800EA) contains.

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Color

Hex(C800EA)

Conversions

Conversions Part 1

Format	Color
Hex	C800EA
RGB	200, 0, 234
RGB Percent	78%, 0%, 92%
CMY	0.2157, 1.0000, 0.0824
CMYK	0.15, 1.00, 0.00, 0.08
HSL	291°, 100%, 46%
HSV	291°, 100%, 92%
XYZ	38.6707, 18.2199, 79.3205
YIQ	86.4760, 44.0860, 115.1740

Conversions

Conversions Part 2

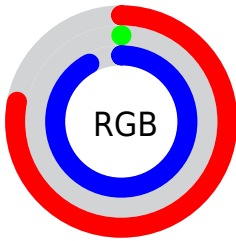
Format	Color
RYB	200, 0, 234
Decimal	13107434
CIELab	49.76, 87.04, -66.58
CIELCh	50, 109.583, 322.588
Yxy	18.2199, 0.2839, 0.1338
Android (android.graphics.Color)	4291297514 (0xFFC800EA)
YUV	86.4760, 72.7293, 99.5605
Hunter-Lab	42.6847, 87.0157, -80.2985

Details

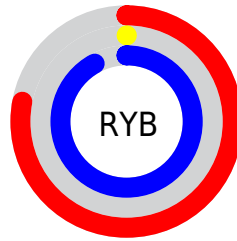
The Hex color **C800EA** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed magenta. A complement of this color would be **22EA00**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF5EFF**, and **8C00B1** is the 20% darker color. If you saturate the color by 10%, you get **C800EA**, and if you desaturate by 10%, it is **CB17EA**.

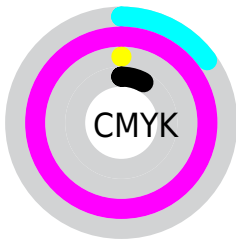
Distribution



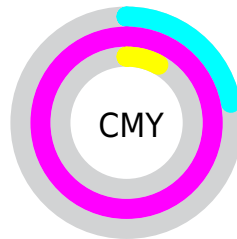
- Red (78%)
- Green (0%)
- Blue (92%)



- Red (78%)
- Yellow (0%)
- Blue (92%)



- Cyan (15%)
- Magenta (100%)
- Yellow (0%)
- Black (8%)



- Cyan (22%)
- Magenta (100%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color C800EA 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 C800EA by changing the saturation by 10% instead.

 C800EA

 C800EA

FFFFFF

 AA00CD

 FF5EFF

 8C00B1

 FF7DFF

 6F0096

 FF9BFF

 51007B

 FFBAFF

 350061

 FFD8FF

 0D0048

 FFF6FF

 000430

 00011B

 000000

 C800EA

 CB17EA

 CF2FEA

 D246EA

 D65EEA

 D975EA

 DC8CEA

 E0A4EA

 E3BBEA

 E7D3EA

Harmonies

Analogous

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



006AFF



C800EA



FF0092

Triad

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



C800EA



A46B00



0099BD

Complementary

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



C800EA



22EA00

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.



00975B



C800EA



498600

Square

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



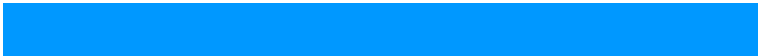
C800EA



E42D00



009200



0098FF

Rectangle

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



C800EA



FF0055



009200



00989D

Sweetspot

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



C800EA



F4B3FF



0023EA



795280



000000



808080

Same Dimension

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



C800EA



DA00FF



EA0098



746A75



9B00B5



2E0036

Inverse Universe

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



EA0022



FF0025



00EA52



756A6B



B5001A



360008

Previews

White Background



This preview shows how the Hex color C800EA looks on a white background.

Color Contrast Check

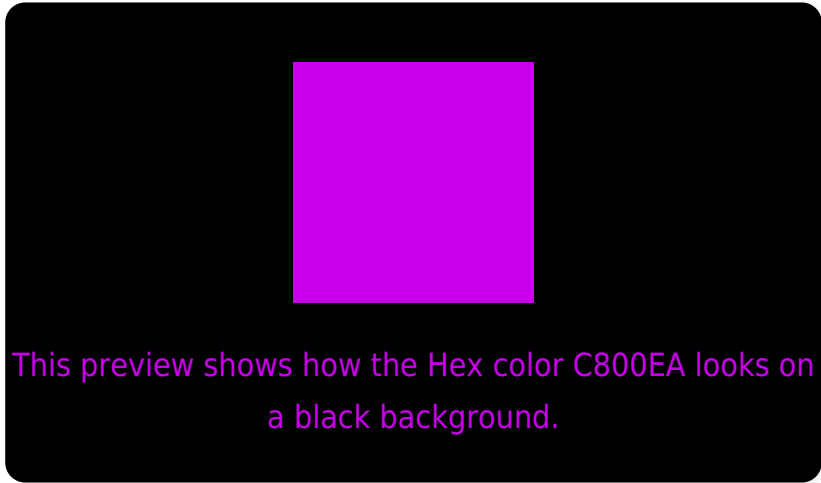
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 C800EA Background



This preview shows how black text looks on a background with the Hex color C800EA.

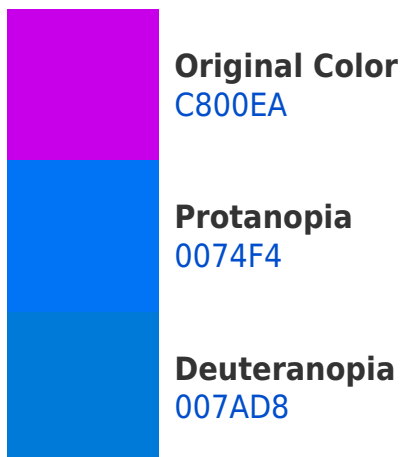



This preview shows how white text looks on a background with the Hex color C800EA.

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
B65C62

Trichromacy



Original Color
C800EA



Protanomaly
494AF0



Deuteranomaly
494EDF



Tritanomaly
BD3B93

Monochromacy



Original Color
C800EA



Achromatopsia
565656



Achromatomaly
7F378C

CSS Examples

Text

The CSS property to change the color of the text to Hex C800EA 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 #C800EA looks like.

```
.text, #text, p{  
    color:#C800EA  
}
```

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 #C800EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C800EA
}
```

Border

The CSS property to change the border of an element to Hex C800EA 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".

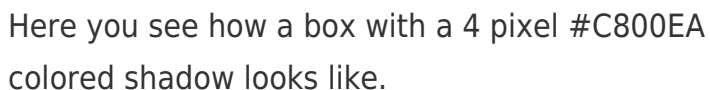
```
.border, #border, table{ border:4px solid
#C800EA }
```

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

```
.border{ border-color:#C800EA }
```

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

Here you see how a box with a 4 pixel #C800EA 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 #C800EA; -webkit-box-shadow:4px 4px  
4px 4px #C800EA; box-shadow:4px 4px 4px  
4px #C800EA }
```

Background

The CSS property to change the background color of an element to Hex C800EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C800EA }
```

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

```
.background{ background-color:#C800EA }
```

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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