

# Converting Colors

Hex(C220EA)

Have a look what the booklet for  
Hex(C220EA) contains.

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**Color**

**Hex(C220EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C220EA
RGB	194, 32, 234
RGB Percent	76%, 13%, 92%
CMY	0.2392, 0.8745, 0.0824
CMYK	0.17, 0.86, 0.00, 0.08
HSL	288°, 83%, 52%
HSV	288°, 86%, 92%
XYZ	37.6159, 18.4429, 79.4192
YIQ	103.4660, 31.7100, 97.1660

# Conversions

## Conversions Part 2

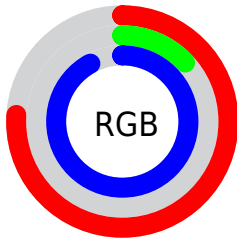
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 32, 234
Decimal	12722410
CIELab	50.03, 82.49, -66.19
CIELCh	50, 105.762, 321.256
Yxy	18.4429, 0.2777, 0.1361
Android (android.graphics.Color)	4290912490 (0xFFC220EA)
YUV	103.4660, 64.3533, 79.3983
Hunter-Lab	42.9452, 81.1952, -79.5843

# Details

The Hex color **C220EA** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **48EA20**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF67FF**, and **8700B1** is the 20% darker color. If you saturate the color by 10%, you get **BD09EA**, and if you desaturate by 10%, it is **C737EA**.

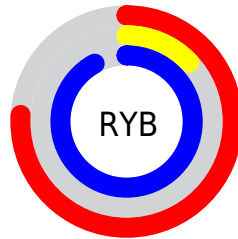
# Distribution



Red (76%)

Green (13%)

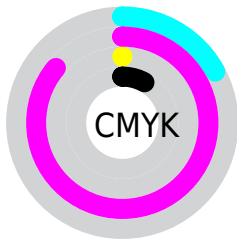
Blue (92%)



Red (76%)

Yellow (13%)

Blue (92%)

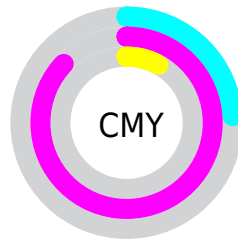


Cyan (17%)

Magenta (86%)

Yellow (0%)

Black (8%)



Cyan (24%)

Magenta (87%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C220EA 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 C220EA by changing the saturation by 10% instead.



 C220EA

 C220EA

FFFFFF

 A400CD

 FF67FF

 8700B1

 FF85FF

 690096

 FFA2FF

 4C007B

 FFC0FF

 300061

 FFDEFF

 030048

 FFFCFF

 000430

 00011B

 000000

 C220EA

 C220EA

 BD09EA

 C737EA

 BC00EA

 CB4FEA

 D066EA

 D57EEA

 D995EA

 DEACEA

 E2C4EA

 E7DBEA

 ECF3EA

# Harmonies

## Analogous

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



006DFF



C220EA



FF0096

# Triad

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



C220EA



A76B00



0099B7

# Complementary

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



C220EA



48EA20

# 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.



009759



C220EA



528500

# Square

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



C220EA



E42F00



009200



0098FF

# Rectangle

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



C220EA



FF005B



009200



009898



# Sweetspot

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



C220EA



F2BDFE



2048EA



785880



000000



808080



# Same Dimension

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



C220EA



CD00FF



EA20AD



736A75



9100B5



2B0036



# Inverse Universe

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



EA2048



FF0032



20EA5D



756A6C



B50024



36000B



# Previews

## White Background



This preview shows how the Hex color C220EA looks on a white background.

## Color Contrast Check

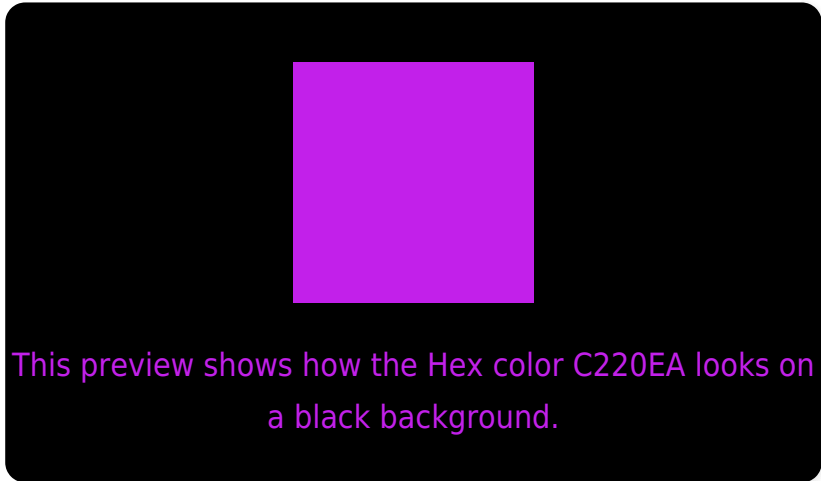
Large Text (above 18pt) WCAG AA ✓ Pass

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

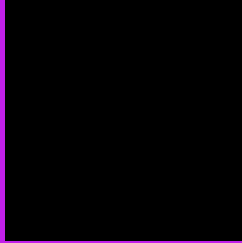
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C220EA Background



This preview shows how black text looks on a background with the Hex color C220EA.

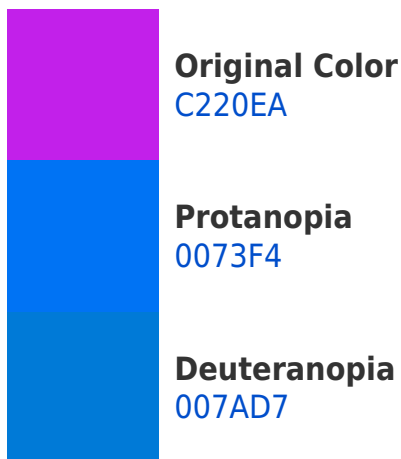


This preview shows how white text looks on a background with the Hex color C220EA.

# 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**  
B05F66

# Trichromacy



**Original Color**  
C220EA



**Protanomaly**  
4755F0



**Deuteranomaly**  
4759DE



**Tritanomaly**  
B74896

# Monochromacy



**Original Color**  
C220EA



**Achromatopsia**  
676767



**Achromatomaly**  
884D97

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C220EA 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 #C220EA looks like.

```
.text, #text, p{  
    color:#C220EA  
}
```

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 #C220EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C220EA
}
```

## Border

The CSS property to change the border of an element to Hex C220EA 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".

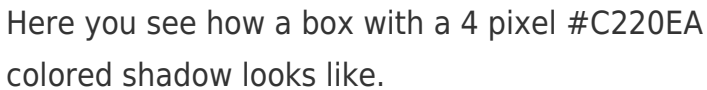
```
.border, #border, table{ border:4px solid
#C220EA }
```

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

```
.border{ border-color:#C220EA }
```

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

Here you see how a box with a 4 pixel #C220EA 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 #C220EA; -webkit-box-shadow:4px 4px  
4px 4px #C220EA; box-shadow:4px 4px 4px  
4px #C220EA }
```

# Background

The CSS property to change the background color of an element to Hex C220EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C220EA }
```

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

```
.background{ background-color:#C220EA }
```

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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