

Converting Colors

Hex(C03EEC)

Have a look what the booklet for
Hex(C03EEC) contains.

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Color

Hex(C03EEC)

Conversions

Conversions Part 1

Format	Color
Hex	C03EEC
RGB	192, 62, 236
RGB Percent	75%, 24%, 93%
CMY	0.2471, 0.7569, 0.0745
CMYK	0.19, 0.74, 0.00, 0.07
HSL	285°, 82%, 58%
HSV	285°, 74%, 93%
XYZ	38.6012, 20.7078, 81.3194
YIQ	120.7060, 21.6260, 81.6740

Conversions

Conversions Part 2

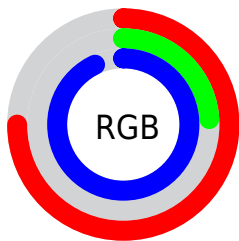
Format	Color
R_{YB}	192, 62, 236
Decimal	12599020
CIE _{Lab}	52.63, 74.46, -63.13
CIE _{LCh}	53, 97.624, 319.707
Yxy	20.7078, 0.2745, 0.1473
Android (android.graphics.Color)	4290789100 (0xFFC03EEC)
YUV	120.7060, 56.8399, 62.5248
Hunter-Lab	45.5059, 71.7806, -74.0976

Details

The Hex color **C03EEC** 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 **6AEC3E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FC79FF**, and **8500B3** is the 20% darker color. If you saturate the color by 10%, you get **BA26EC**, and if you desaturate by 10%, it is **C656EC**.

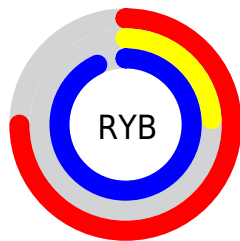
Distribution



Red (75%)

Green (24%)

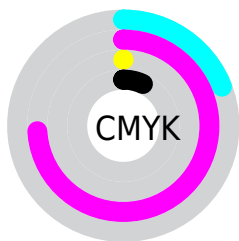
Blue (93%)



Red (75%)

Yellow (24%)

Blue (93%)

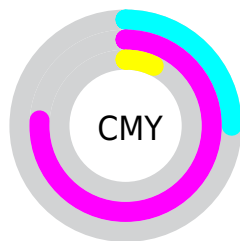


Cyan (19%)

Magenta (74%)

Yellow (0%)

Black (7%)



Cyan (25%)

Magenta (76%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color C03EEC 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 C03EEC by changing the saturation by 10% instead.

 C03EEC

 C03EEC

FFFFFF

 A318CF

 FC79FF

 8500B3

 FF96FF

 680098

 FFB3FF

 4B007D

 FFD0FF

 2F0063

 FFE0FF

 07004A

 000432

 00021C

 000000

 C03EEC

 C03EEC

 BA26EC

 C656EC

 B40FEC

 CC6DEC

 B000EC

 D285EC

 D89CEC

 DEB4EC

 E4CCEC

 EAE3EC

 F0FBEC

 F6FFEC

Harmonies

Analogous

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



0075FF



C03EEC



FE009E

Triad

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



C03EEC



B17000



009FB4

Complementary

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



C03EEC



6AEC3E

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.



009D5D



C03EEC



658A00

Square

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



C03EEC



E93E00



009700



009DFE

Rectangle

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



C03EEC



FF0067



009700



009E98

Sweetspot

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



C03EEC



F1C7FF



3E6CEC



775E80



000000



808080

Same Dimension

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



C03EEC



C61FFF



EC3EC3



726A75



8700B5



280036

Inverse Universe

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



EC3E6A



FF1F57



3EEC67



756A6D



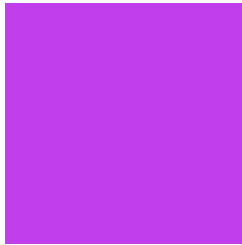
B5002E



36000E

Previews

White Background



This preview shows how the Hex color C03EEC looks on a white background.

Color Contrast Check

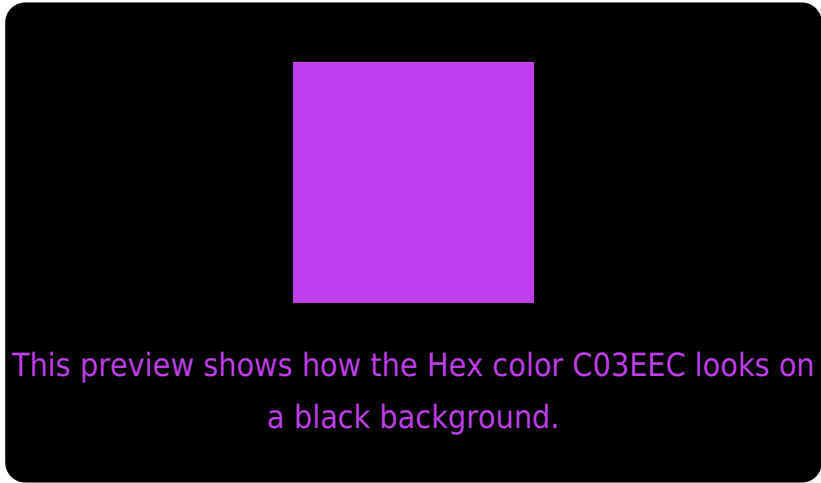
Large Text (above 18pt) WCAG AA ✓ Pass

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

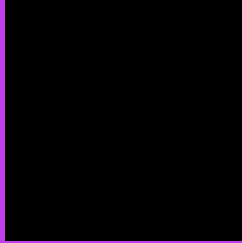
Any Text WCAG AA ✓ Pass

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 C03EEC Background



This preview shows how black text looks on a background with the Hex color C03EEC.

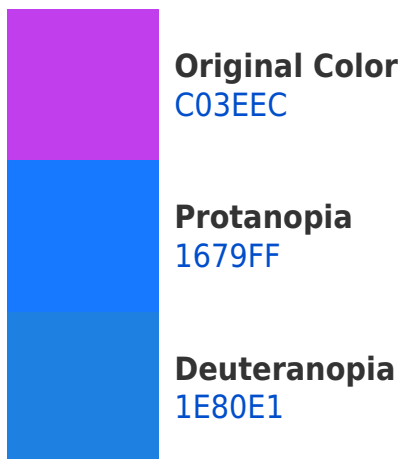


This preview shows how white text looks on a background with the Hex color C03EEC.

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](#).

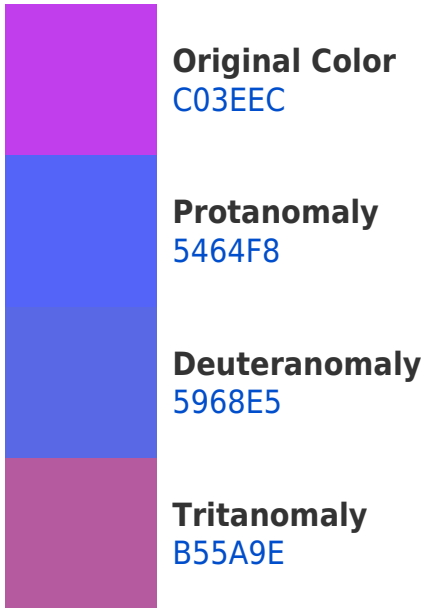
Dichromacy





Tritanopia
AE6A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C03EEC 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 #C03EEC looks like.

```
.text, #text, p{  
    color:#C03EEC  
}
```

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 #C03EEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C03EEC
}
```

Border

The CSS property to change the border of an element to Hex C03EEC 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".

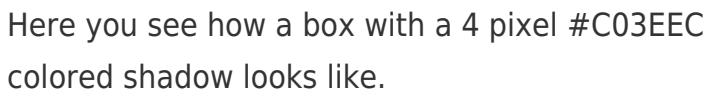
```
.border, #border, table{ border:4px solid
#C03EEC }
```

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

```
.border{ border-color:#C03EEC }
```

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

Here you see how a box with a 4 pixel #C03EEC colored shadow looks like.

A rectangular box with a 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 #C03EEC; -webkit-box-shadow:4px 4px  
4px 4px #C03EEC; box-shadow:4px 4px 4px  
4px #C03EEC }
```

Background

The CSS property to change the background color of an element to Hex C03EEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C03EEC }
```

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

```
.background{ background-color:#C03EEC }
```

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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