

# Converting Colors

Hex(C00E6B)

Have a look what the booklet for  
Hex(C00E6B) contains.

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# Color

**Hex(C00E6B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C00E6B
RGB	192, 14, 107
RGB Percent	75%, 5%, 42%
CMY	0.2471, 0.9451, 0.5804
CMYK	0.00, 0.93, 0.44, 0.25
HSL	329°, 86%, 40%
HSV	329°, 93%, 75%
XYZ	24.5491, 12.5821, 15.0446
YIQ	77.8240, 76.2350, 66.6590

# Conversions

## Conversions Part 2

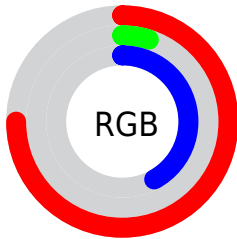
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 14, 107
Decimal	12586603
CIE <sub>Lab</sub>	42.13, 67.88, -3.18
CIE <sub>LCh</sub>	42, 67.950, 357.320
Yxy	12.5821, 0.4705, 0.2411
Android (android.graphics.Color)	4290776683 (0xFFC00E6B)
YUV	77.8240, 14.3838, 100.1324
Hunter-Lab	35.4712, 61.4625, -0.3172

# Details

The Hex color **C00E6B** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **0EC063**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FD599E**, and **84003C** is the 20% darker color. If you saturate the color by 10%, you get **C00064**, and if you desaturate by 10%, it is **C02174**.

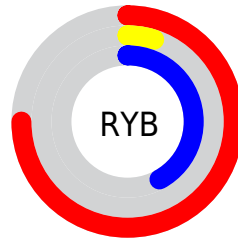
# Distribution



Red (75%)

Green (5%)

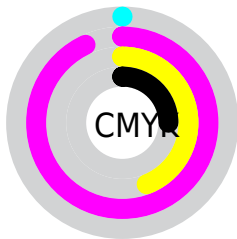
Blue (42%)



Red (75%)

Yellow (5%)

Blue (42%)

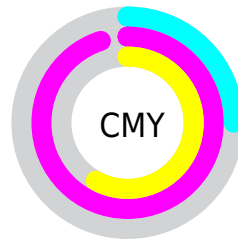


Cyan (0%)

Magenta (93%)

Yellow (44%)

Black (25%)



Cyan (25%)

Magenta (95%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C00E6B 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 C00E6B by changing the saturation by 10% instead.



 C00E6B

 C00E6B

FFFFFF

 A20053

 FD599E

 84003C

 FF76B9

 670026

 FF93D5

 4B0012

 FFB0F1

 2E0002

 FFCEFF

 000000

 FFE8FF

 C00E6B

 C00E6B

 C00064

 C02174

 C0347D

 C04887

 C05B90

 C06E99

 C081A2

 C094AB

 C0A8B4

 C0BBBE

# Harmonies

## Analogous

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



A035A1



C00E6B



C02334

# Triad

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



C00E6B



476F00



0077C2

# Complementary

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



C00E6B



0EC063

# 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.



007B96



C00E6B



007720

# Square

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



C00E6B



7E6000



007A5D



006CD5

# Rectangle

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



C00E6B



B13C0C



007A5D



0079B6



# Sweetspot

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



C00E6B



FAB4D8



610EC0



7D5269



FCFCFC



7D7D7D



# Same Dimension

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



C00E6B



FA0083



C00E14



61575C



A10054



210011



# Inverse Universe

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



C00E6B



FA0083



0EC0BA



61575C



A10054



210011



# Previews

## White Background



This preview shows how the Hex color C00E6B looks on a white background.

## Color Contrast Check

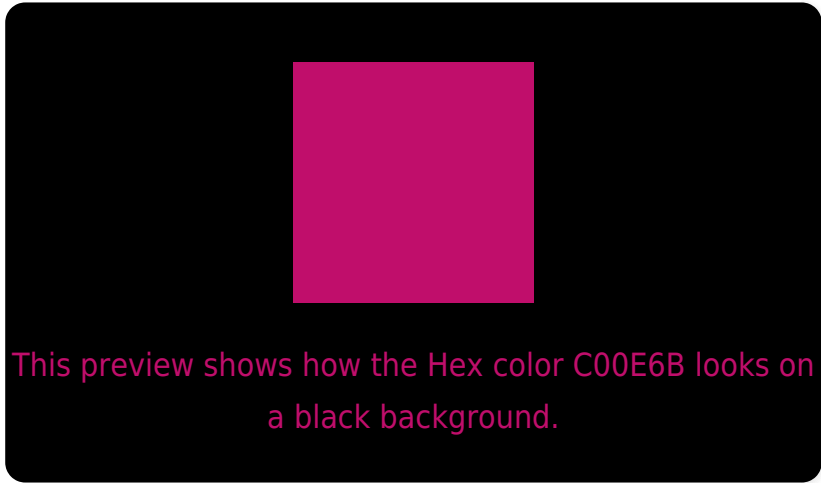
Large Text (above 18pt) WCAG AA ✓ Pass

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 C00E6B Background



This preview shows how black text looks on a background with the Hex color C00E6B.



This preview shows how white text looks on a background with the Hex color C00E6B.

# 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





# Trichromacy



**Original Color**  
C00E6B



**Protanomaly**  
7B4488



**Deuteranomaly**  
8D4366



**Tritanomaly**  
BE2144

# Monochromacy



**Original Color**  
C00E6B



**Achromatopsia**  
4E4E4E



**Achromatomaly**  
773759

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C00E6B 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 #C00E6B looks like.

```
.text, #text, p{  
    color:#C00E6B  
}
```

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 #C00E6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C00E6B
}
```

## Border

The CSS property to change the border of an element to Hex C00E6B 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
#C00E6B }
```

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

```
.border{ border-color:#C00E6B }
```

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

Here you see how a box with a 4 pixel #C00E6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C00E6B; -webkit-box-shadow:4px 4px  
4px 4px #C00E6B; box-shadow:4px 4px 4px  
4px #C00E6B }
```

# Background

The CSS property to change the background color of an element to Hex C00E6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C00E6B }
```

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

```
.background{ background-color:#C00E6B }
```

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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