

# Converting Colors

Hex(C0216E)

Have a look what the booklet for  
Hex(C0216E) contains.

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# Color

**Hex(C0216E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C0216E
RGB	192, 33, 110
RGB Percent	75%, 13%, 43%
CMY	0.2471, 0.8706, 0.5686
CMYK	0.00, 0.83, 0.43, 0.25
HSL	331°, 71%, 44%
HSV	331°, 83%, 75%
XYZ	25.0966, 13.4200, 16.0194
YIQ	89.3190, 70.0470, 57.6550

# Conversions

## Conversions Part 2

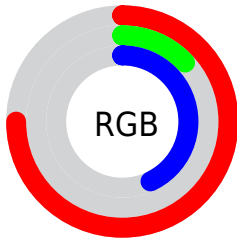
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 33, 110
Decimal	12591470
CIE <sub>Lab</sub>	43.39, 64.78, -3.19
CIE <sub>LCh</sub>	43, 64.861, 357.183
Yxy	13.4200, 0.4602, 0.2461
Android (android.graphics.Color)	4290781550 (0xFFC0216E)
YUV	89.3190, 10.1957, 90.0512
Hunter-Lab	36.6333, 58.1777, -0.2837

# Details

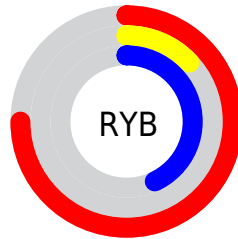
The Hex color **C0216E** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **21C073**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FD61A1**, and **85003F** is the 20% darker color. If you saturate the color by 10%, you get **C00E64**, and if you desaturate by 10%, it is **C03478**.

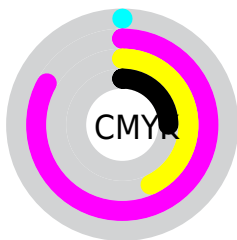
# Distribution



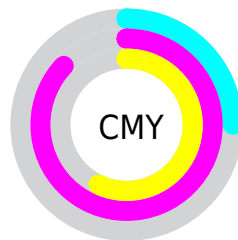
- Red (75%)
- Green (13%)
- Blue (43%)



- Red (75%)
- Yellow (13%)
- Blue (43%)



- Cyan (0%)
- Magenta (83%)
- Yellow (43%)
- Black (25%)



- Cyan (25%)
- Magenta (87%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0216E 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 C0216E by changing the saturation by 10% instead.



 C0216E

 C0216E

FFFFFF

 A20056

 FD61A1

 85003F

 FF7EBC

 680029

 FF9BD8

 4C0015

 FFB8F5

 2F0002

 FFD5FF

 000000

 FFF2FF

 C0216E

 C0216E

 C00E64

 C03478

 C0005D

 C04782

 C05B8C

 C06E96

 C081A0

 C094A9

 C0A7B3

 C0BBBD

 C0CEC7

# Harmonies

## Analogous

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



A13CA2



C0216E



C02D39

# Triad

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



C0216E



4D7200



007AC1

# Complementary

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



C0216E



21C073

# 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.



007E96



C0216E



007A26

# Square

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



C0216E



816300



007D60



006FD3

# Rectangle

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



C0216E



B34116



007D60



007CB5



# Sweetspot

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



C0216E



FABBDA



7121C0



7D576A



FCFCFC



7D7D7D



# Same Dimension

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



C0216E



FA027A



C02121



61575C



A1004E



210010



# Inverse Universe

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



C0216E



FA027A



21C0C0



61575C



A1004E



210010



# Previews

## White Background



This preview shows how the Hex color C0216E looks on a white background.

## Color Contrast Check

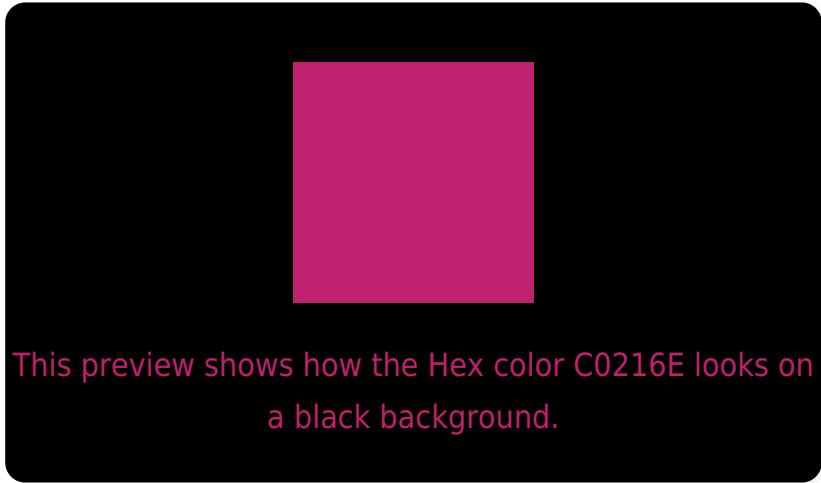
Large Text (above 18pt) WCAG AA ✓ Pass

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 C0216E Background



This preview shows how black text looks on a background with the Hex color C0216E.



This preview shows how white text looks on a background with the Hex color C0216E.

# 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**  
C0216E



**Protanomaly**  
7D4D89



**Deuteranomaly**  
8E4C69

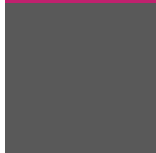


**Tritanomaly**  
BE2D4A

# Monochromacy



**Original Color**  
C0216E



**Achromatopsia**  
595959



**Achromatomaly**  
7E4561

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0216E 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 #C0216E looks like.

```
.text, #text, p{  
    color:#C0216E  
}
```

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 #C0216E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0216E
}
```

## Border

The CSS property to change the border of an element to Hex C0216E 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
#C0216E }
```

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

```
.border{ border-color:#C0216E }
```

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

Here you see how a box with a 4 pixel #C0216E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0216E; -webkit-box-shadow:4px 4px  
4px 4px #C0216E; box-shadow:4px 4px 4px  
4px #C0216E }
```

# Background

The CSS property to change the background color of an element to Hex C0216E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0216E }
```

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

```
.background{ background-color:#C0216E }
```

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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