

# Converting Colors

Hex(CF166E)

Have a look what the booklet for  
Hex(CF166E) contains.

<b>Hex(CF166E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(CF166E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF166E
RGB	207, 22, 110
RGB Percent	81%, 9%, 43%
CMY	0.1882, 0.9137, 0.5686
CMYK	0.00, 0.89, 0.47, 0.19
HSL	331°, 81%, 45%
HSV	331°, 89%, 81%
XYZ	28.8335, 14.9650, 16.1207
YIQ	87.3470, 82.0120, 66.5880

# Conversions

## Conversions Part 2

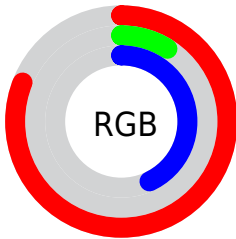
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 22, 110
Decimal	13571694
CIE <sub>Lab</sub>	45.59, 70.50, 0.38
CIE <sub>LCh</sub>	46, 70.505, 0.308
Yxy	14.9650, 0.4812, 0.2498
Android (android.graphics.Color)	4291761774 (0xFFCF166E)
YUV	87.3470, 11.1679, 104.9357
Hunter-Lab	38.6846, 65.3465, 2.3719

# Details

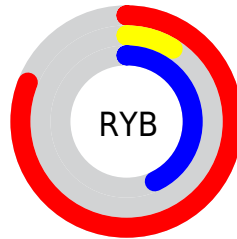
The Hex color **CF166E** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **16CF77**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF5FA1**, and **92003F** is the 20% darker color. If you saturate the color by 10%, you get **CF0163**, and if you desaturate by 10%, it is **CF2B79**.

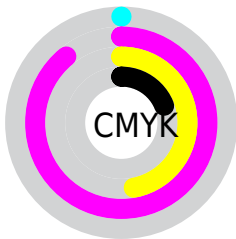
# Distribution



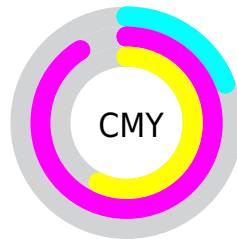
- Red (81%)
- Green (9%)
- Blue (43%)



- Red (81%)
- Yellow (9%)
- Blue (43%)



- Cyan (0%)
- Magenta (89%)
- Yellow (47%)
- Black (19%)



- Cyan (19%)
- Magenta (91%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF166E 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 CF166E by changing the saturation by 10% instead.



 CF166E

 CF166E

FFFFFF

 B00056

 FF5FA1

 92003F

 FF7CBC

 740029

 FF9AD8

 570015

 FFB7F4

 3B0002

 FFD5FF

 130000

 FFF3FF

 000000

 CF166E

 CF166E

 CF0163

 CF2B79

 CF0062

 CF3F84

 CF548F

 CF6999

 CF7EA4

 CF92AF

 CFA7BA

 CFBCC5

 CFD0D0

# Harmonies

## Analogous

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



B138A7



CF166E



CC2D34

# Triad

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



CF166E



477900



0080D3

# Complementary

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



CF166E



16CF77

# 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.



0085A6



CF166E



00812C

# Square

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



CF166E



836A00



00856B



0074E3

# Rectangle

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



CF166E



BB4608



00856B



0083C7



# Sweetspot

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



CF166E



FFBADB



7616CF



80576A



000000



808080



# Same Dimension

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



CF166E



FF0079



CF1916



695E63



A80050



290013



# Inverse Universe

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



CF166E



FF0079



16CCCF



695E63



A80050



290013



# Previews

## White Background



This preview shows how the Hex color CF166E looks on a white background.

## Color Contrast Check

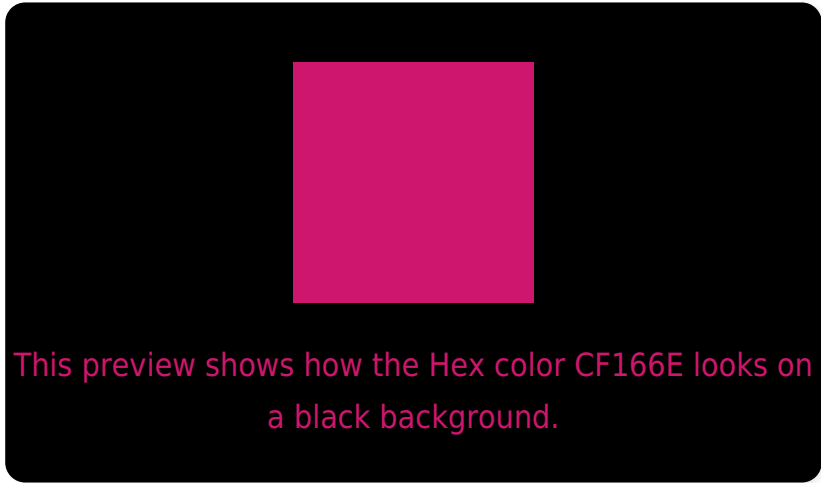
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF166E Background



This preview shows how black text looks on a background with the Hex color CF166E.



This preview shows how white text looks on a background with the Hex color CF166E.

# 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**  
CF166E



**Protanomaly**  
874D8B



**Deuteranomaly**  
9A4B68

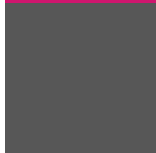


**Tritanomaly**  
CD2647

# Monochromacy



**Original Color**  
CF166E



**Achromatopsia**  
575757



**Achromatomaly**  
833F5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF166E 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 #CF166E looks like.

```
.text, #text, p{  
    color:#CF166E  
}
```

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 #CF166E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF166E
}
```

## Border

The CSS property to change the border of an element to Hex CF166E 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
#CF166E }
```

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

```
.border{ border-color:#CF166E }
```

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

Here you see how a box with a 4 pixel #CF166E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF166E; -webkit-box-shadow:4px 4px  
4px 4px #CF166E; box-shadow:4px 4px 4px  
4px #CF166E }
```

# Background

The CSS property to change the background color of an element to Hex CF166E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF166E }
```

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

```
.background{ background-color:#CF166E }
```

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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