

# Converting Colors

Hex(CC476B)

Have a look what the booklet for  
Hex(CC476B) contains.

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# Color

**Hex(CC476B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC476B
RGB	204, 71, 107
RGB Percent	80%, 28%, 42%
CMY	0.2000, 0.7216, 0.5804
CMYK	0.00, 0.65, 0.48, 0.20
HSL	344°, 57%, 54%
HSV	344°, 65%, 80%
XYZ	29.8089, 18.4054, 15.8914
YIQ	114.8710, 67.7120, 39.3920

# Conversions

## Conversions Part 2

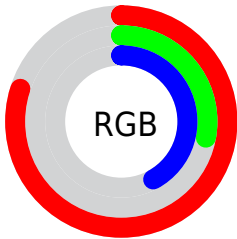
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 71, 107
Decimal	13387627
CIELab	49.98, 55.29, 8.47
CIELCh	50, 55.938, 8.704
Yxy	18.4054, 0.4650, 0.2871
Android (android.graphics.Color)	4291577707 (0xFFCC476B)
YUV	114.8710, -3.8804, 78.1661
Hunter-Lab	42.9015, 48.9482, 8.0691

# Details

The Hex color **CC476B** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **47CCA8**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF7E9E**, and **91003C** is the 20% darker color. If you saturate the color by 10%, you get **CC335C**, and if you desaturate by 10%, it is **CC5B7A**.

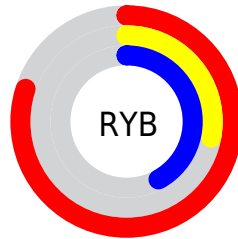
# Distribution



Red (80%)

Green (28%)

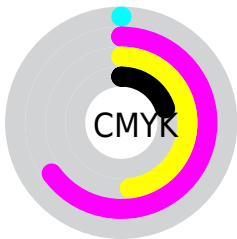
Blue (42%)



Red (80%)

Yellow (28%)

Blue (42%)

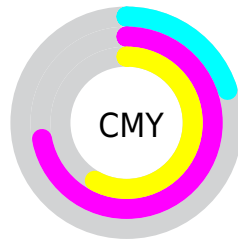


Cyan (0%)

Magenta (65%)

Yellow (48%)

Black (20%)



Cyan (20%)

Magenta (72%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC476B 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 CC476B by changing the saturation by 10% instead.




 CC476B

 CC476B

FFFFFF

 AE2953

 FF7E9E

 91003C

 FF9AB9

 740027

 FFB7D5

 570012

 FFD3F1

 3D0003

 FFF1FF

 190001

 000000

 CC476B

 CC476B

 CC335C

 CC5B7A

 CC1E4D

 CC7089

 CC0A3E

 CC8498

 CC0037

 CC99A7

 CCADB5

 CCC1C4

 CCD6D3

 CCEAE2

 CCFFF1

# Harmonies

## Analogous

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



BA4F9A



CC476B



C4543E

# Triad

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



CC476B



4E8525



0085CF

# Complementary

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



CC476B



47CCA8

# 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.



008CB1



CC476B



008B52

# Square

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



CC476B



817900



008D84



1678D5

# Rectangle

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



CC476B



B46123



008D84



0088C8



# Sweetspot

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



CC476B



FFCCDA



A647CC



806169



000000



808080



# Same Dimension

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



CC476B



FF386E



CC6447



665C5F



A6002D



26000A



# Inverse Universe

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



CC476B



FF386E



47AFCC



665C5F



A6002D



26000A



# Previews

## White Background



This preview shows how the Hex color CC476B looks on a white background.

## Color Contrast Check

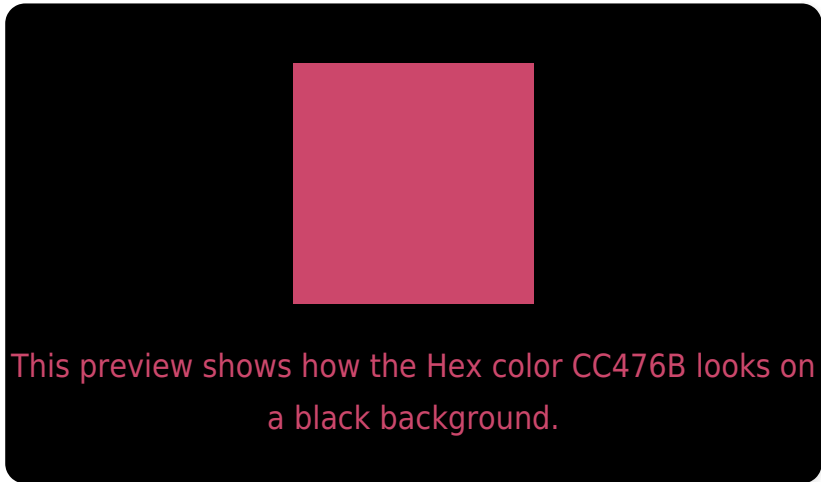
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC476B Background



This preview shows how black text looks on a background with the Hex color CC476B.



This preview shows how white text looks on a background with the Hex color CC476B.

# 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



**Original Color**  
CC476B

**Protanopia**  
767785

**Deuteranopia**  
8A7365



# Trichromacy



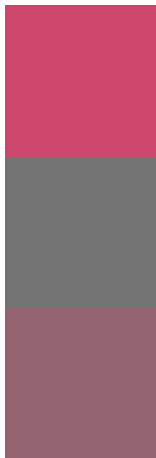
**Original Color**  
CC476B

**Protanomaly**  
95667C

**Deuteranomaly**  
A26367

**Tritanomaly**  
CB4A5A

# Monochromacy



**Original Color**  
CC476B

**Achromatopsia**  
737373

**Achromatomaly**  
936370

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC476B 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 #CC476B looks like.

```
.text, #text, p{  
    color:#CC476B  
}
```

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 #CC476B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC476B
}
```

## Border

The CSS property to change the border of an element to Hex CC476B is called "border". The border property can be set on classes, ids or directly on the HTML element.

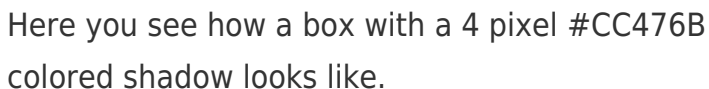
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC476B }
```

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

```
.border{ border-color:#CC476B }
```

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



Here you see how a box with a 4 pixel `#CC476B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC476B; -webkit-box-shadow:4px 4px  
4px 4px #CC476B; box-shadow:4px 4px 4px  
4px #CC476B }
```

# Background

The CSS property to change the background color of an element to Hex CC476B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC476B }
```

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

```
.background{ background-color:#CC476B }
```

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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