

# Converting Colors

Hex(C46E76)

Have a look what the booklet for  
Hex(C46E76) contains.

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# Color

**Hex(C46E76)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C46E76
RGB	196, 110, 118
RGB Percent	77%, 43%, 46%
CMY	0.2314, 0.5686, 0.5373
CMYK	0.00, 0.44, 0.40, 0.23
HSL	354°, 42%, 60%
HSV	354°, 44%, 77%
XYZ	31.6109, 24.1956, 20.1437
YIQ	136.6260, 48.6880, 20.7200

# Conversions

## Conversions Part 2

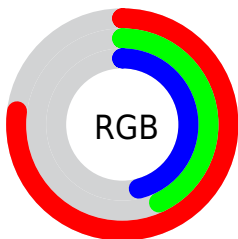
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	196, 110, 118
Decimal	12873334
CIE Lab	56.28, 34.85, 10.67
CIE LCh	56, 36.450, 17.013
Yxy	24.1956, 0.4162, 0.3186
Android (android.graphics.Color)	4291063414 (0xFFC46E76)
YUV	136.6260, -9.1826, 52.0710
Hunter-Lab	49.1891, 28.6306, 10.1522

# Details

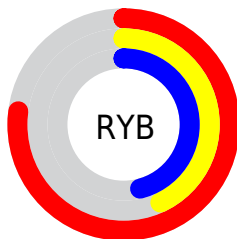
The Hex color **C46E76** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6EC4BC**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFA3AA**, and **8B3C46** is the 20% darker color. If you saturate the color by 10%, you get **C45A64**, and if you desaturate by 10%, it is **C48288**.

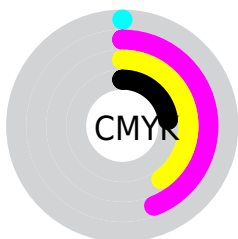
# Distribution



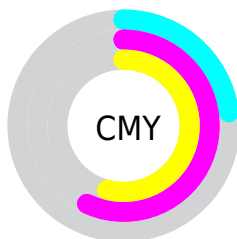
- Red (77%)
- Green (43%)
- Blue (46%)



- Red (77%)
- Yellow (43%)
- Blue (46%)



- Cyan (0%)
- Magenta (44%)
- Yellow (40%)
- Black (23%)



- Cyan (23%)
- Magenta (57%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C46E76 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 C46E76 by changing the saturation by 10% instead.



 C46E76

 C46E76

FFFFFF

 A7555D

 FFA3AA

 8B3C46

 FFBFC5

 702330

 FFDBE1

 55071B

 FFF8FE

 3C0000

 210001

 000000

 C46E76

 C46E76

 C45A64

 C48288

 C44752

 C4959A

 C43341

 C4A9AB

 C4202F

 C4BCBD

 C40C1D

 C4D0CF

 C40012

 C4E4E1

 C4F7F2

 C4FFFF

# Harmonies

## Analogous

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



BB6F96



C46E76



BC755A

# Triad

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



C46E76



65925A



368EC4

# Complementary

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



C46E76



6EC4BC

# 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.



0095B4



C46E76



389778

# Square

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



C46E76



898B49



009898



7584C3

# Rectangle

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



C46E76



AF7D4D



009898



1491C1



# Sweetspot

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



C46E76



FFDEE1



BB6EC4



806B6D



000000



808080



# Same Dimension

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



C46E76



FF7884



C4906E



615758



A1000F



210003



# Inverse Universe

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



C46E76



FF7884



6EA2C4



615758



A1000F

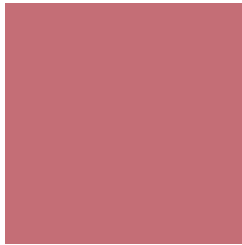


210003



# Previews

## White Background



This preview shows how the Hex color C46E76 looks on a white background.

## Color Contrast Check

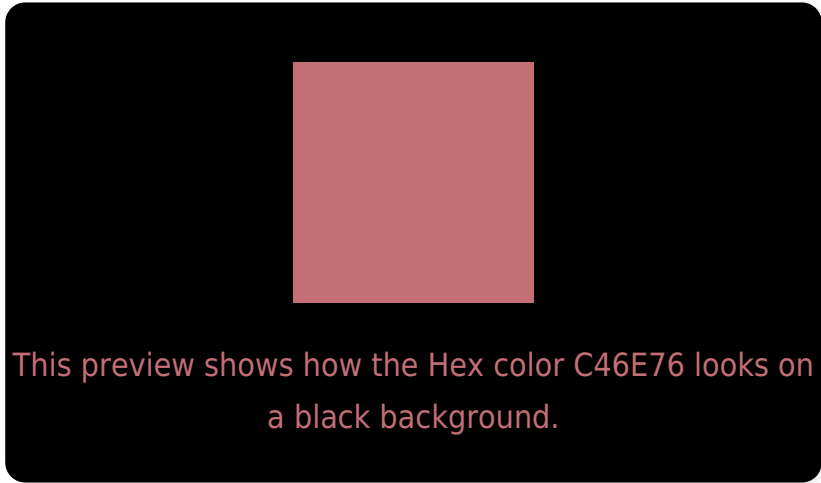
Large Text (above 18pt) WCAG AA ✓ Pass

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 C46E76 Background



This preview shows how black text looks on a background with the Hex color C46E76.




This preview shows how white text looks on a background with the Hex color C46E76.

# 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](#).

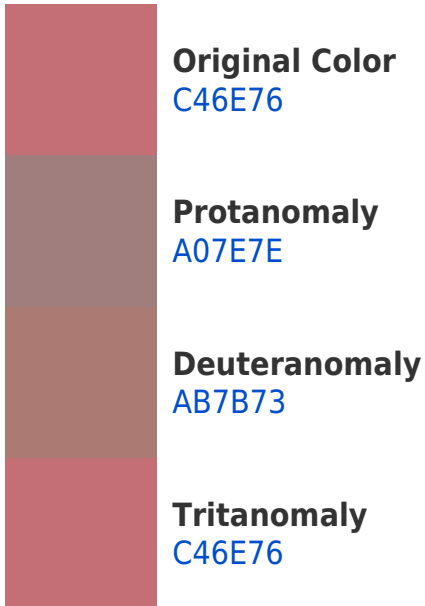
## Dichromacy





**Tritanopia**  
C46E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C46E76 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 #C46E76 looks like.

```
.text, #text, p{  
    color:#C46E76  
}
```

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 #C46E76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C46E76
}
```

## Border

The CSS property to change the border of an element to Hex C46E76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

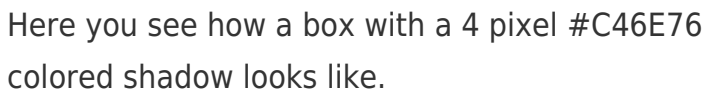
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C46E76 }
```

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

```
.border{ border-color:#C46E76 }
```

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

A rectangular box with a 4px red shadow. The box is white with a thin red border. The shadow is a solid red color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #C46E76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C46E76; -webkit-box-shadow:4px 4px  
4px 4px #C46E76; box-shadow:4px 4px 4px  
4px #C46E76 }
```

# Background

The CSS property to change the background color of an element to Hex C46E76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C46E76 }
```

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

```
.background{ background-color:#C46E76 }
```

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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