

# Converting Colors

Hex(C46A7F)

Have a look what the booklet for  
Hex(C46A7F) contains.

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# Color

Hex(C46A7F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C46A7F
RGB	196, 106, 127
RGB Percent	77%, 42%, 50%
CMY	0.2314, 0.5843, 0.5020
CMYK	0.00, 0.46, 0.35, 0.23
HSL	346°, 43%, 59%
HSV	346°, 46%, 77%
XYZ	31.7497, 23.5761, 22.9559
YIQ	135.3040, 46.8990, 25.6110

# Conversions

## Conversions Part 2

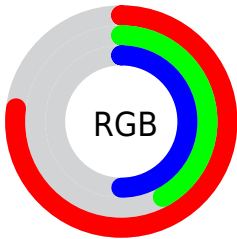
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 106, 127
Decimal	12872319
CIE <sub>Lab</sub>	55.66, 38.04, 4.52
CIE <sub>LCh</sub>	56, 38.311, 6.773
Yxy	23.5761, 0.4056, 0.3012
Android (android.graphics.Color)	4291062399 (0xFFC46A7F)
YUV	135.3040, -4.0939, 53.2304
Hunter-Lab	48.5553, 31.7475, 5.9576

# Details

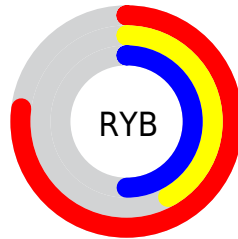
The Hex color **C46A7F** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6AC4AF**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF9FB4**, and **8B374E** is the 20% darker color. If you saturate the color by 10%, you get **C45670**, and if you desaturate by 10%, it is **C47E8E**.

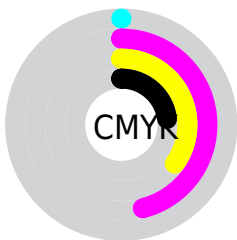
# Distribution



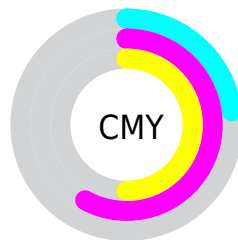
- Red (77%)
- Green (42%)
- Blue (50%)



- Red (77%)
- Yellow (42%)
- Blue (50%)



- Cyan (0%)
- Magenta (46%)
- Yellow (35%)
- Black (23%)



- Cyan (23%)
- Magenta (58%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C46A7F 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 C46A7F by changing the saturation by 10% instead.



 C46A7F

 C46A7F

FFFFFF

 A75066

 FF9FB4

 8B374E

 FFBBCF

 701E37

 FFD7EB

 550022

 FFF4FF

 3B000C

 210001

 000000

 C46A7F

 C46A7F

 C45670

 C47E8E

 C44361

 C4919D

 C42F52

 C4A5AC

 C41C43

 C4B8BB

 C40834

 C4CCCA

 C4002E

 C4E0D9

 C4F3E8

 C4FFF7

 C4FFFF

# Harmonies

## Analogous

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



B56EA0



C46A7F



C16F5F

# Triad

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



C46A7F



6F8F4E



0090C2

# Complementary

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



C46A7F



6AC4AF

# 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.



0095AC



C46A7F



43956A

# Square

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



C46A7F



938642



00978C



5D86C7

# Rectangle

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



C46A7F



B6764F



00978C



0092BC



# Sweetspot

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



C46A7F



FFDBE4



AF6AC4



806A6F



000000



808080



# Same Dimension

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



C46A7F



FF7393



C4826A



615759



A10025



210008



# Inverse Universe

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



C46A7F



FF7393



6AACC4



615759



A10025

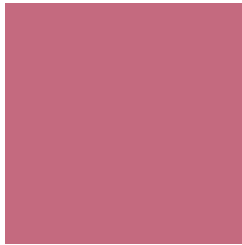


210008



# Previews

## White Background



This preview shows how the Hex color C46A7F looks on a white background.

## Color Contrast Check

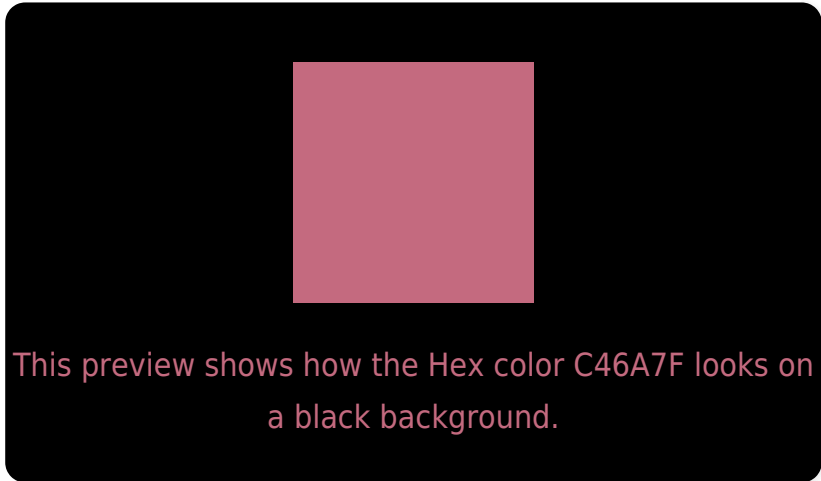
Large Text (above 18pt) WCAG AA ✓ Pass

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 C46A7F Background



This preview shows how black text looks on a background with the Hex color C46A7F.



This preview shows how white text looks on a background with the Hex color C46A7F.

# Color Blindness Simulation

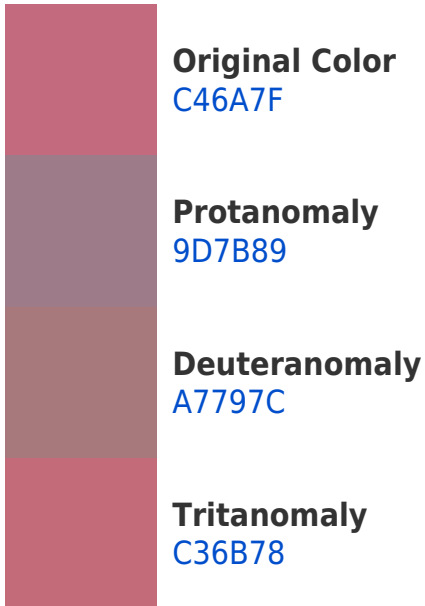
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

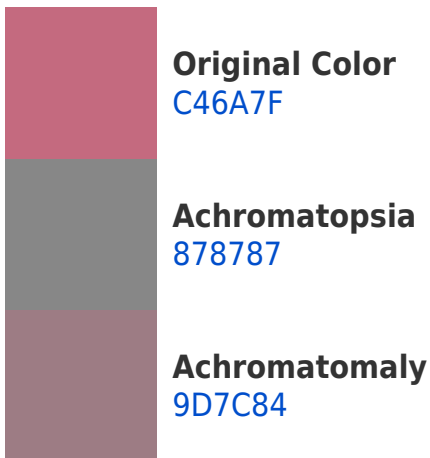




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C46A7F 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 #C46A7F looks like.

```
.text, #text, p{  
    color:#C46A7F  
}
```

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 #C46A7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C46A7F
}
```

## Border

The CSS property to change the border of an element to Hex C46A7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

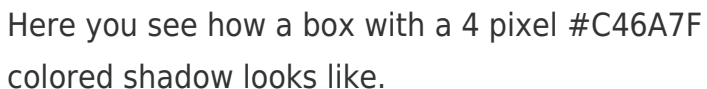
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C46A7F }
```

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

```
.border{ border-color:#C46A7F }
```

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

A rectangular box with a 4-pixel red shadow. The box is white with a thin red border. The shadow is a darker red color, extending 4 pixels to the right and 4 pixels down from the bottom-right corner of the box.

Here you see how a box with a 4 pixel #C46A7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C46A7F; -webkit-box-shadow:4px 4px  
4px 4px #C46A7F; box-shadow:4px 4px 4px  
4px #C46A7F }
```

# Background

The CSS property to change the background color of an element to Hex C46A7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C46A7F }
```

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

```
.background{ background-color:#C46A7F }
```

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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