

# Converting Colors

Hex(C76468)

Have a look what the booklet for  
Hex(C76468) contains.

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# Color

Hex(C76468)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C76468
RGB	199, 100, 104
RGB Percent	78%, 39%, 41%
CMY	0.2196, 0.6078, 0.5922
CMYK	0.00, 0.50, 0.48, 0.22
HSL	358°, 47%, 59%
HSV	358°, 50%, 78%
XYZ	30.6091, 22.2559, 15.7793
YIQ	130.0570, 57.7200, 22.2320

# Conversions

## Conversions Part 2

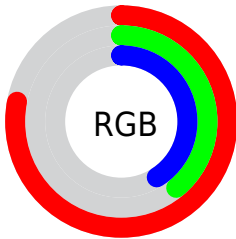
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 100, 104
Decimal	13067368
CIE <sub>Lab</sub>	54.30, 39.71, 16.15
CIE <sub>LCh</sub>	54, 42.873, 22.130
Yxy	22.2559, 0.4459, 0.3242
Android (android.graphics.Color)	4291257448 (0xFFC76468)
YUV	130.0570, -12.8461, 60.4630
Hunter-Lab	47.1762, 33.2568, 13.1923

# Details

The Hex color **C76468** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **64C7C3**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF999B**, and **8D3139** is the 20% darker color. If you saturate the color by 10%, you get **C75055**, and if you desaturate by 10%, it is **C7787B**.

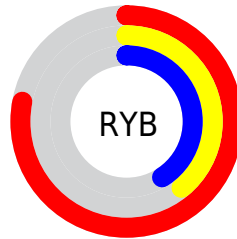
# Distribution



Red (78%)

Green (39%)

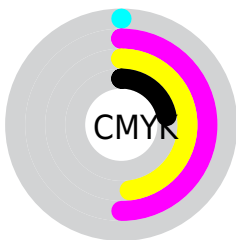
Blue (41%)



Red (78%)

Yellow (39%)

Blue (41%)

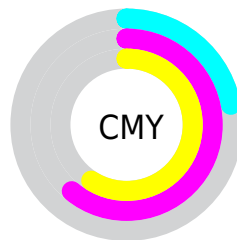


Cyan (0%)

Magenta (50%)

Yellow (48%)

Black (22%)



Cyan (22%)

Magenta (61%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C76468 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 C76468 by changing the saturation by 10% instead.



 C76468

 C76468


FFFFFF

 AA4A50

 FF999B

 8D3139

 FFB5B6

 711624

 FFD1D1

 55000F

 FFEDEE

 3B0000

 1D0001

 000000

 C76468

 C76468

 C75055

 C7787B

 C73C42

 C78C8E

 C7282F

 C7A0A1

 C7141C

 C7B4B4

 C70109

 C7C8C7

 C70008

 C7DBDB

 C7EFEE

 C7FFFF

# Harmonies

## Analogous

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



C1638D



C76468



BA6F48

# Triad

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



C76468



509053



1489CB

# Complementary

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



C76468



64C7C3

# 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.



0091BB



C76468



009476

# Square

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



C76468



7C883A



00949D



747CC6

# Rectangle

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



C76468



AA783A



00949D



008CC8

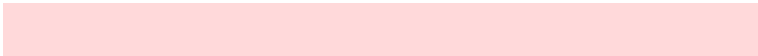


# Sweetspot

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



C76468



FFD9DA



C264C7



806969



000000



808080



# Same Dimension

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



C76468



FF666C



C79164



635A5A



A30007



240001



# Inverse Universe

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



C76468



FF666C



649AC7



635A5A



A30007

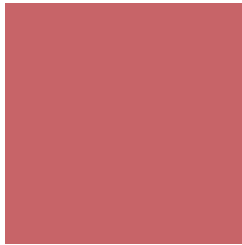


240001



# Previews

## White Background



This preview shows how the Hex color C76468 looks on a white background.

## Color Contrast Check

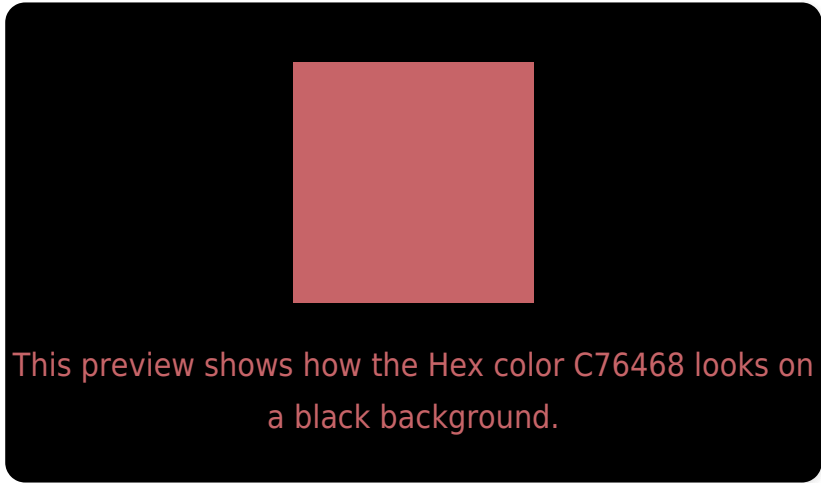
Large Text (above 18pt) WCAG AA ✓ Pass

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 C76468 Background



This preview shows how black text looks on a background with the Hex color C76468.

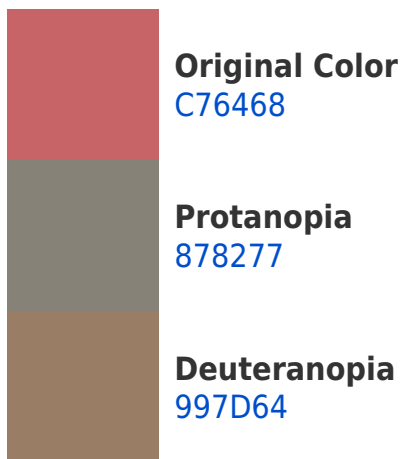


This preview shows how white text looks on a background with the Hex color C76468.

# 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**  
C7646B

# Trichromacy



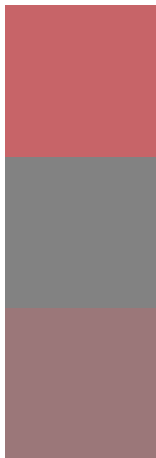
**Original Color**  
C76468

**Protanomaly**  
9E7772

**Deuteranomaly**  
AA7465

**Tritanomaly**  
C7646A

# Monochromacy



**Original Color**  
C76468

**Achromatopsia**  
828282

**Achromatomaly**  
9B7779

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C76468 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 #C76468 looks like.

```
.text, #text, p{  
    color:#C76468  
}
```

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 #C76468 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76468
}
```

## Border

The CSS property to change the border of an element to Hex C76468 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
#C76468 }
```

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

```
.border{ border-color:#C76468 }
```

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

Here you see how a box with a 4 pixel #C76468 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76468; -webkit-box-shadow:4px 4px  
4px 4px #C76468; box-shadow:4px 4px 4px  
4px #C76468 }
```

# Background

The CSS property to change the background color of an element to Hex C76468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76468 }
```

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

```
.background{ background-color:#C76468 }
```

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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