

# Converting Colors

Hex(C74650)

Have a look what the booklet for  
Hex(C74650) contains.

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# Color

**Hex(C74650)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C74650
RGB	199, 70, 80
RGB Percent	78%, 27%, 31%
CMY	0.2196, 0.7255, 0.6863
CMYK	0.00, 0.65, 0.60, 0.22
HSL	355°, 54%, 53%
HSV	355°, 65%, 78%
XYZ	27.1913, 17.1016, 9.4572
YIQ	109.7110, 73.6740, 30.4580

# Conversions

## Conversions Part 2

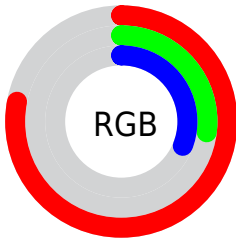
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 70, 80
Decimal	13059664
CIE Lab	48.39, 51.92, 22.44
CIE LCh	48, 56.567, 23.373
Yxy	17.1016, 0.5059, 0.3182
Android (android.graphics.Color)	4291249744 (0xFFC74650)
YUV	109.7110, -14.6475, 78.3065
Hunter-Lab	41.3541, 44.9983, 15.3889

# Details

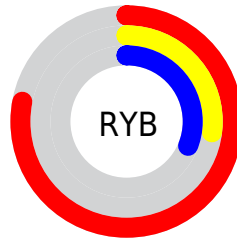
The Hex color **C74650** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **46C7BD**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF7D81**, and **8B0024** is the 20% darker color. If you saturate the color by 10%, you get **C7323E**, and if you desaturate by 10%, it is **C75A62**.

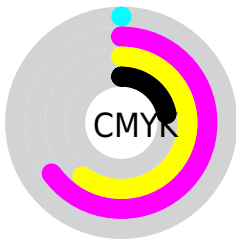
# Distribution



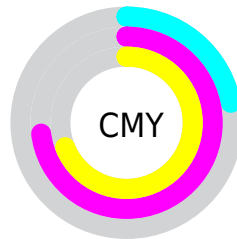
- Red (78%)
- Green (27%)
- Blue (31%)



- Red (78%)
- Yellow (27%)
- Blue (31%)



- Cyan (0%)
- Magenta (65%)
- Yellow (60%)
- Black (22%)



- Cyan (22%)
- Magenta (73%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C74650 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 C74650 by changing the saturation by 10% instead.



 C74650

 C74650

FFFFFF

 A92939

 FF7D81

 8B0024

 FF989B

 6D000F

 FFB4B6

 500000

 FFD1D1

 360002

 FFE000

 050000

 000000

 C74650

 C74650

 C7323E

 C75A62

 C71E2B

 C76E75

 C70A19

 C78287

 C7000F

 C79699

 C7AAAC

 C7BDBE

 C7D1D1

 C7E5E3

 C7F9F5

# Harmonies

## Analogous

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



C34380



C74650



B55925

# Triad

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



C74650



1F8436



007CD2

# Complementary

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



C74650



46C7BD

# 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.



0085BF



C74650



008866

# Square

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



C74650



667B06



008998



5D6BCB

# Rectangle

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



C74650



9F6707



008998



0080CF



# Sweetspot

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



C74650



FFCFD2



BC46C7



806264



000000



808080



# Same Dimension

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



C74650



FF3848



C77C46



635A5A



A3000D



240003



# Inverse Universe

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



C74650



FF3848



4691C7



635A5A



A3000D



240003



# Previews

## White Background



This preview shows how the Hex color C74650 looks on a white background.

## Color Contrast Check

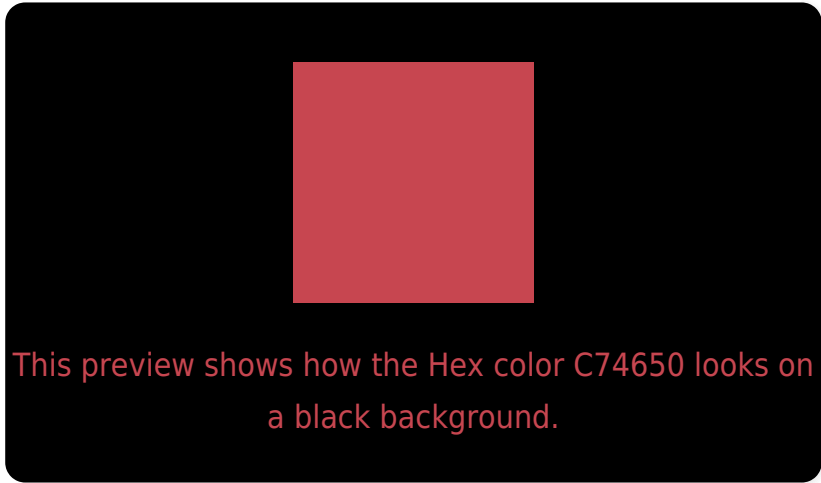
Large Text (above 18pt) WCAG AA ✓ Pass

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 C74650 Background



This preview shows how black text looks on a background with the Hex color C74650.

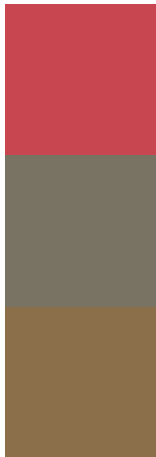


This preview shows how white text looks on a background with the Hex color C74650.

# 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**  
C74650

**Protanopia**  
797364

**Deuteranopia**  
8B6E4A



**Tritanopia**  
C7474B

# Trichromacy



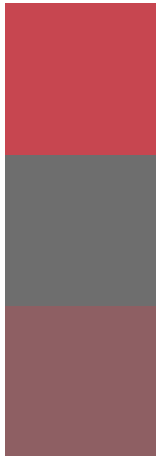
**Original Color**  
C74650

**Protanomaly**  
95635D

**Deuteranomaly**  
A15F4C

**Tritanomaly**  
C7474D

# Monochromacy



**Original Color**  
C74650

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
8E5F63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C74650 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 #C74650 looks like.

```
.text, #text, p{  
    color:#C74650  
}
```

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 #C74650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C74650
}
```

## Border

The CSS property to change the border of an element to Hex C74650 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
#C74650 }
```

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

```
.border{ border-color:#C74650 }
```

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

Here you see how a box with a 4 pixel #C74650 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C74650; -webkit-box-shadow:4px 4px  
4px 4px #C74650; box-shadow:4px 4px 4px  
4px #C74650 }
```

# Background

The CSS property to change the background color of an element to Hex C74650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C74650 }
```

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

```
.background{ background-color:#C74650 }
```

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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