

# Converting Colors

Hex(C75572)

Have a look what the booklet for  
Hex(C75572) contains.

<b>Hex(C75572)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(C75572)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C75572
RGB	199, 85, 114
RGB Percent	78%, 33%, 45%
CMY	0.2196, 0.6667, 0.5529
CMYK	0.00, 0.57, 0.43, 0.22
HSL	345°, 50%, 56%
HSV	345°, 57%, 78%
XYZ	29.8390, 19.8540, 18.1791
YIQ	122.3920, 58.6350, 33.1870

# Conversions

## Conversions Part 2

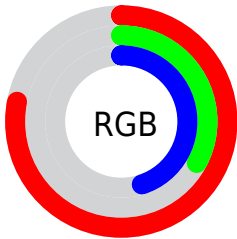
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	199, 85, 114
Decimal	13063538
CIELab	51.67, 48.13, 6.55
CIElCh	52, 48.577, 7.745
Yxy	19.8540, 0.4396, 0.2925
Android (android.graphics.Color)	4291253618 (0xFFC75572)
YUV	122.3920, -4.1373, 67.1852
Hunter-Lab	44.5578, 41.5594, 7.0008

# Details

The Hex color **C75572** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **55C7AA**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF8BA6**, and **8D1D42** is the 20% darker color. If you saturate the color by 10%, you get **C74163**, and if you desaturate by 10%, it is **C76981**.

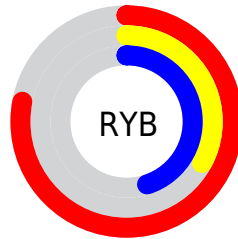
# Distribution



Red (78%)

Green (33%)

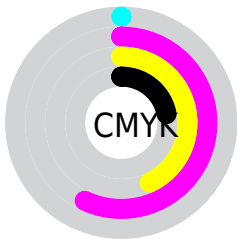
Blue (45%)



Red (78%)

Yellow (33%)

Blue (45%)

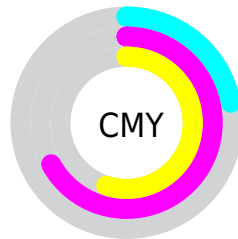


Cyan (0%)

Magenta (57%)

Yellow (43%)

Black (22%)



Cyan (22%)

Magenta (67%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C75572 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 C75572 by changing the saturation by 10% instead.



 C75572

 C75572

FFFFFF

 AA3A5A

 FF8BA6

 8D1D42

 FFA6C1

 71002C

 FFC2DD

 550018

 FFDFF9

 3C0001

 FFFCFF

 190001

 000000

 C75572

 C75572

 C74163

 C76981

 C72D54

 C77D90

 C71945

 C7919F

 C70537

 C7A5AD

 C70033

 C7B9BC

 C7CCCB

 C7E0DA

 C7F4E9

 C7FFF8

# Harmonies

## Analogous

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



B65B9C



C75572



C25E4A

# Triad

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



C75572



5B8735



0088C8

# Complementary

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



C75572



55C7AA

# 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.



008EAD



C75572



028D5A

# Square

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



C75572



877D22



008F85



3C7CCE

# Rectangle

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



C75572



B46835



008F85



008BC1



# Sweetspot

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



C75572



FFD4DF



A955C7



80666C



000000



808080



# Same Dimension

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



C75572



FF4F7C



C77055



635A5C



A3002A



240009



# Inverse Universe

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



C75572



FF4F7C



55ACC7



635A5C



A3002A



240009



# Previews

## White Background



This preview shows how the Hex color C75572 looks on a white background.

## Color Contrast Check

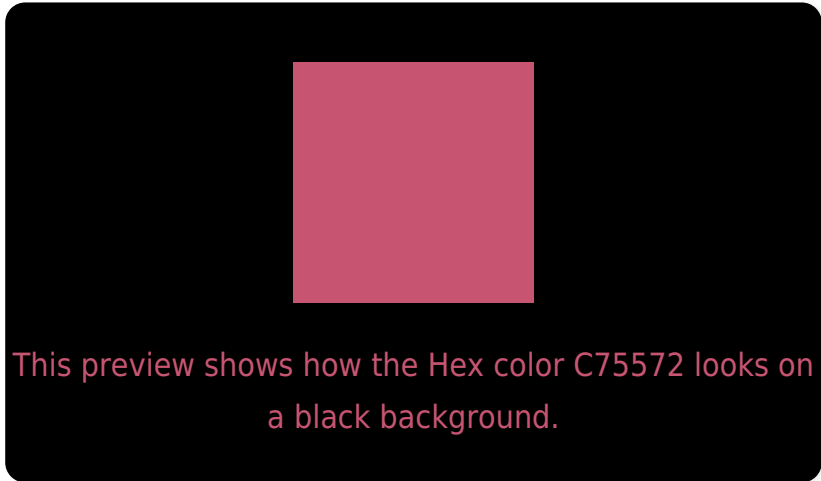
Large Text (above 18pt) WCAG AA ✓ Pass

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 C75572 Background



This preview shows how black text looks on a background with the Hex color C75572.



This preview shows how white text looks on a background with the Hex color C75572.

# 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**  
C75572

**Protanopia**  
7B7B87

**Deuteranopia**  
8D776D



**Tritanopia**  
C6595F

# Trichromacy



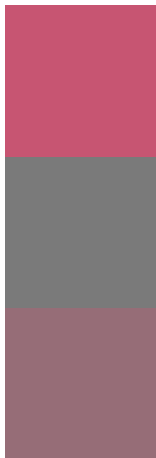
**Original Color**  
C75572

**Protanomaly**  
976D7F

**Deuteranomaly**  
A26B6F

**Tritanomaly**  
C65866

# Monochromacy



**Original Color**  
C75572

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
966D77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C75572 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 #C75572 looks like.

```
.text, #text, p{  
    color:#C75572  
}
```

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 #C75572 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C75572  
}
```

## Border

The CSS property to change the border of an element to Hex C75572 is called "border". The border property can be set on classes, ids or directly on the HTML element.

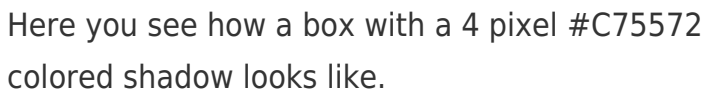
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#C75572 }
```

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

```
.border{ border-color:#C75572 }
```

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



Here you see how a box with a 4 pixel `#C75572` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C75572; -webkit-box-shadow:4px 4px  
4px 4px #C75572; box-shadow:4px 4px 4px  
4px #C75572 }
```

# Background

The CSS property to change the background color of an element to Hex C75572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C75572 }
```

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

```
.background{ background-color:#C75572 }
```

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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