

# Converting Colors

Hex(755577)

Have a look what the booklet for  
Hex(755577) contains.

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# Color

**Hex(755577)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	755577
RGB	117, 85, 119
RGB Percent	46%, 33%, 47%
CMY	0.5412, 0.6667, 0.5333
CMYK	0.02, 0.29, 0.00, 0.53
HSL	296°, 17%, 40%
HSV	296°, 29%, 47%
XYZ	13.9144, 11.6108, 18.9605
YIQ	98.4440, 8.1580, 17.3580

# Conversions

## Conversions Part 2

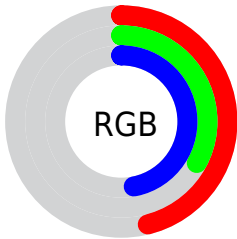
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 85, 119
Decimal	7689591
CIE <sub>Lab</sub>	40.59, 19.59, -14.11
CIE <sub>LCh</sub>	41, 24.148, 324.232
Yxy	11.6108, 0.3128, 0.2610
Android (android.graphics.Color)	4285879671 (0xFF755577)
YUV	98.4440, 10.1341, 16.2736
Hunter-Lab	34.0746, 13.2599, -9.1391

# Details

The Hex color **755577** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **577755**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AA87AB**, and **442747** is the 20% darker color. If you saturate the color by 10%, you get **744977**, and if you desaturate by 10%, it is **766177**.

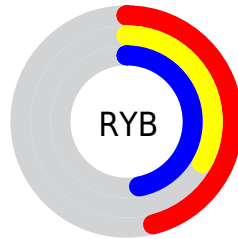
# Distribution



Red (46%)

Green (33%)

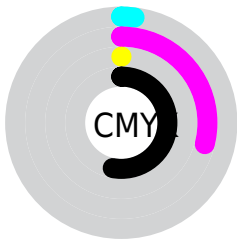
Blue (47%)



Red (46%)

Yellow (33%)

Blue (47%)

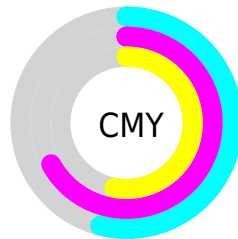


Cyan (2%)

Magenta (29%)

Yellow (0%)

Black (53%)



Cyan (54%)

Magenta (67%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 755577 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 755577 by changing the saturation by 10% instead.



 755577

 755577

FFFFFF

 5C3D5E

 AA87AB

 442747

 C5A1C7

 2D1230

 E1BDE3

 1B001C

 FED8FF

 000000

 FFF5FF

 755577

 755577

 744977

 766177

 743D77

 766D77

■ 733177

■ 777977

■ 722577

■ 788577

■ 721977

■ 789077

■ 710E77

■ 799C77

■ 700277

■ 7AA877

■ 700077

■ 7BB477

■ 7BC077

# Harmonies

## Analogous

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



5D5C84



755577



835164

# Triad

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



755577



705D38



136A6F

# Complementary

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



755577



577755

# 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.



2C6A5B



755577



5C633B

# Square

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



75577



7F5640



456848



1C687F

# Rectangle

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



755577



865157



456848



1A6A69



# Sweetspot

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



755577



9B8E9C



555777



4F464F



CFCFCF



4F4F4F



# Same Dimension

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



755577



98679C



775568



3A353B



73007A



EB00FA



# Inverse Universe

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



775557



9C676A



557764



3B3535



7A0007

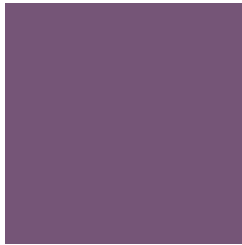


FA000F



# Previews

## White Background



This preview shows how the Hex color 755577 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

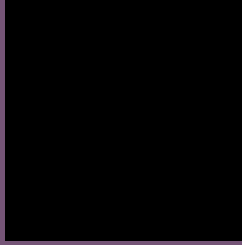
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 755577 Background



This preview shows how black text looks on a background with the Hex color 755577.

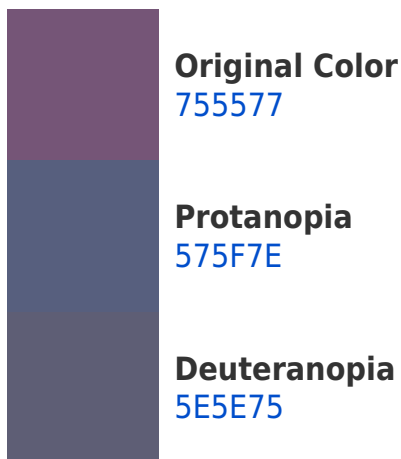


This preview shows how white text looks on a background with the Hex color 755577.

# 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**  
725960

# Trichromacy



**Original Color**  
755577

**Protanomaly**  
625B7B

**Deuteranomaly**  
665B76

**Tritanomaly**  
735868

# Monochromacy



**Original Color**  
755577

**Achromatopsia**  
626262

**Achromatomaly**  
695D6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 755577 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 #755577 looks like.

```
.text, #text, p{  
    color:#755577  
}
```

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 #755577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755577
}
```

## Border

The CSS property to change the border of an element to Hex 755577 is called "border". The border property can be set on classes, ids or directly on the HTML element.

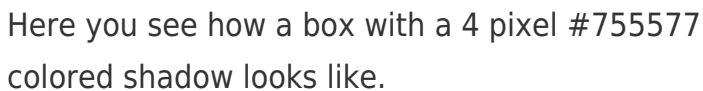
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#755577 }
```

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

```
.border{ border-color:#755577 }
```

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



Here you see how a box with a 4 pixel `#755577` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755577; -webkit-box-shadow:4px 4px  
4px 4px #755577; box-shadow:4px 4px 4px  
4px #755577 }
```

# Background

The CSS property to change the background color of an element to Hex 755577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755577 }
```

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

```
.background{ background-color:#755577 }
```

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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