

# Converting Colors

Hex(755573)

Have a look what the booklet for  
Hex(755573) contains.

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# Color

**Hex(755573)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	755573
RGB	117, 85, 115
RGB Percent	46%, 33%, 45%
CMY	0.5412, 0.6667, 0.5490
CMYK	0.00, 0.27, 0.02, 0.54
HSL	304°, 16%, 40%
HSV	304°, 27%, 46%
XYZ	13.6791, 11.5167, 17.7216
YIQ	97.9880, 9.4420, 16.1140

# Conversions

## Conversions Part 2

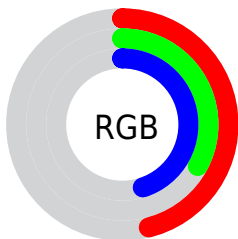
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 85, 115
Decimal	7689587
CIE <sub>Lab</sub>	40.44, 18.76, -11.89
CIE <sub>LCh</sub>	40, 22.212, 327.632
Yxy	11.5167, 0.3187, 0.2683
Android (android.graphics.Color)	4285879667 (0xFF755573)
YUV	97.9880, 8.3869, 16.6735
Hunter-Lab	33.9363, 12.5618, -7.2060

# Details

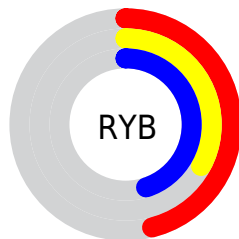
The Hex color **755573** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **557557**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AA87A7**, and **442743** is the 20% darker color. If you saturate the color by 10%, you get **754972**, and if you desaturate by 10%, it is **756174**.

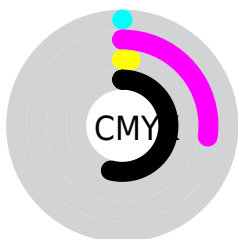
# Distribution



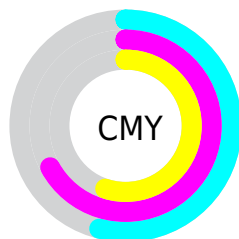
- Red (46%)
- Green (33%)
- Blue (45%)



- Red (46%)
- Yellow (33%)
- Blue (45%)



- Cyan (0%)
- Magenta (27%)
- Yellow (2%)
- Black (54%)



- Cyan (54%)
- Magenta (67%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 755573 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 755573 by changing the saturation by 10% instead.



 755573

 755573

FFFFFF

 5C3E5A

 AA87A7

 442743

 C5A1C2

 2D122D

 E1BCDE

 1B0019

 FED8FB

 000000

 FFF5FF

 755573

 755573

 754972

 756174

 753E72

 756C74

753271

757875

752670

758476

751A6F

759077

750F6F

759B77

75036E

75A778

75006E

75B379

75BE7A

# Harmonies

## Analogous

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



605B7F



755573



815261

# Triad

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



755573



6D5E3B



1F6970

# Complementary

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



755573



557557

# 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.



2F695D



755573



5A633F

# Square

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



755573



7B5741



45674B



29667D

# Rectangle

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



755573



835255



45674B



23696A



# Sweetspot

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



755573



998D98



575575



4D454C



CCCCCC



4D4D4D



# Same Dimension

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



755573



996796



755563



3B353A



7A0073



FA00EA



# Inverse Universe

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



755573



996796



557567



3B353A



7A0073

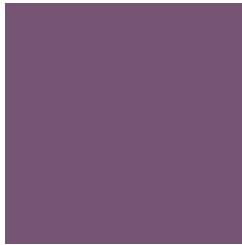


FA00EA



# Previews

## White Background



This preview shows how the Hex color 755573 looks on a white background.

## Color Contrast Check

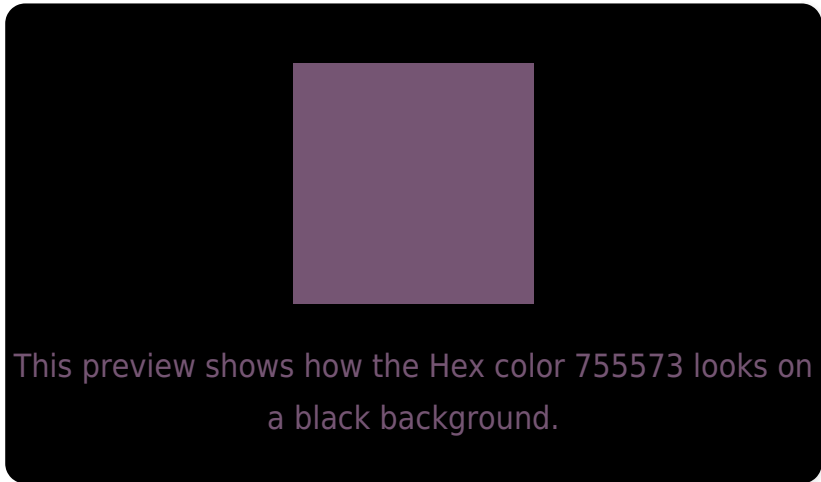
Large Text (above 18pt) WCAG AA ✓ Pass

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

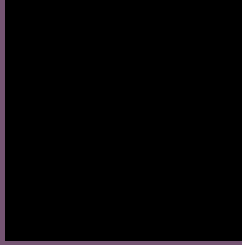
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 755573 Background



This preview shows how black text looks on a background with the Hex color 755573.



This preview shows how white text looks on a background with the Hex color 755573.

# 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**

755573

**Protanomaly**

635B77

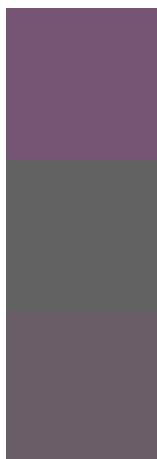
**Deuteranomaly**

685A72

**Tritanomaly**

735867

# Monochromacy



**Original Color**

755573

**Achromatopsia**

626262

**Achromatomaly**

695D68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 755573 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 #755573 looks like.

```
.text, #text, p{  
    color:#755573  
}
```

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 #755573 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755573
}
```

## Border

The CSS property to change the border of an element to Hex 755573 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
#755573 }
```

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

```
.border{ border-color:#755573 }
```

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

Here you see how a box with a 4 pixel #755573 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755573; -webkit-box-shadow:4px 4px  
4px 4px #755573; box-shadow:4px 4px 4px  
4px #755573 }
```

# Background

The CSS property to change the background color of an element to Hex 755573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755573 }
```

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

```
.background{ background-color:#755573 }
```

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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