

# Converting Colors

Hex(755075)

Have a look what the booklet for  
Hex(755075) contains.

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# Color

**Hex(755075)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	755075
RGB	117, 80, 117
RGB Percent	46%, 31%, 46%
CMY	0.5412, 0.6863, 0.5412
CMYK	0.00, 0.32, 0.00, 0.54
HSL	300°, 19%, 39%
HSV	300°, 32%, 46%
XYZ	13.4157, 10.8036, 18.2078
YIQ	95.2810, 10.1750, 19.3510

# Conversions

## Conversions Part 2

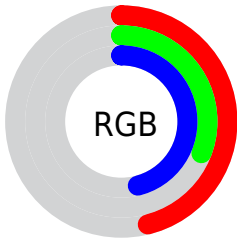
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 80, 117
Decimal	7688309
CIE <sub>Lab</sub>	39.25, 22.20, -14.93
CIE <sub>LCh</sub>	39, 26.751, 326.069
Yxy	10.8036, 0.3162, 0.2546
Android (android.graphics.Color)	4285878389 (0xFF755075)
YUV	95.2810, 10.7075, 19.0476
Hunter-Lab	32.8688, 15.3358, -9.8358

# Details

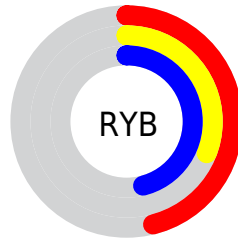
The Hex color **755075** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **507550**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **AA82A9**, and **442245** is the 20% darker color. If you saturate the color by 10%, you get **754475**, and if you desaturate by 10%, it is **755C75**.

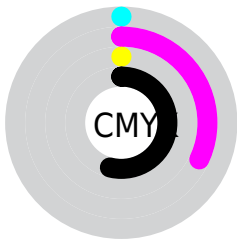
# Distribution



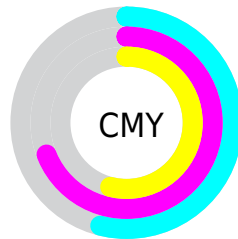
- Red (46%)
- Green (31%)
- Blue (46%)



- Red (46%)
- Yellow (31%)
- Blue (46%)



- Cyan (0%)
- Magenta (32%)
- Yellow (0%)
- Black (54%)



- Cyan (54%)
- Magenta (69%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 755075 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 755075 by changing the saturation by 10% instead.



 755075

 755075

FFFFFF

 5C395C

 AA82A9

 442245

 C59CC4

 2D0D2E

 E1B7E0

 1A001A

 FED3FD

 000000

 FFEFFF

 755075

 755075

 754475

 755C75

 753975

 756775

 752D75

 757375

 752175

 757F75

 751675

 758B75

 750A75

 759675

 750075

 75A275

 75AE75

 75B975

# Harmonies

## Analogous

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



5A5883



755075



844B60

# Triad

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



755075



6D5A31



00686F

# Complementary

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



755075



507550

# 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.



1C6859



755075



576134

# Square

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



755075



7D5339



3D6543



006580

# Rectangle

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



755075



874B51



3D6543



006868



# Sweetspot

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



755075



998B99



505075



4D444D



CCCCCC



4D4D4D



# Same Dimension

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



755075



995F99



755062



3B353B



7A007A



FA00FA



# Inverse Universe

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



755075



995F99



507562



3B353B



7A007A

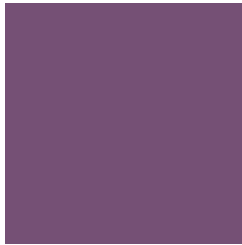


FA00FA



# Previews

## White Background



This preview shows how the Hex color 755075 looks on a white background.

## Color Contrast Check

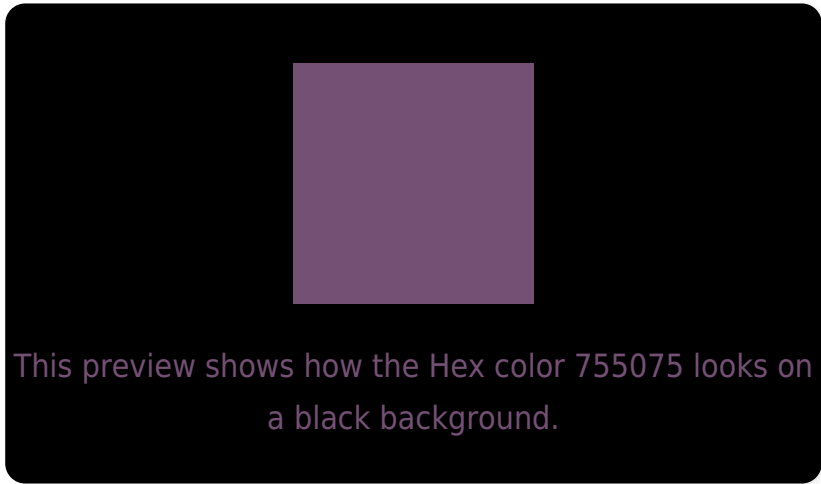
Large Text (above 18pt) WCAG AA ✓ Pass

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

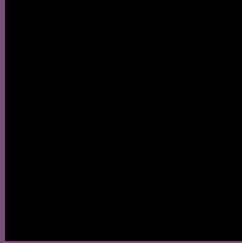
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 755075 Background



This preview shows how black text looks on a background with the Hex color 755075.




This preview shows how white text looks on a background with the Hex color 755075.

# 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**  
72555C

# Trichromacy



**Original Color**  
755075

**Protanomaly**  
5F587A

**Deuteranomaly**  
645774

**Tritanomaly**  
735365

# Monochromacy



**Original Color**  
755075

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
675A67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 755075 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 #755075 looks like.

```
.text, #text, p{  
    color:#755075  
}
```

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 #755075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755075
}
```

## Border

The CSS property to change the border of an element to Hex 755075 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".

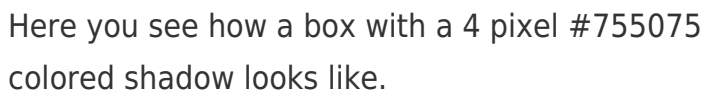
```
.border, #border, table{ border:4px solid
#755075 }
```

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

```
.border{ border-color:#755075 }
```

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

Here you see how a box with a 4 pixel #755075 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755075; -webkit-box-shadow:4px 4px  
4px 4px #755075; box-shadow:4px 4px 4px  
4px #755075 }
```

# Background

The CSS property to change the background color of an element to Hex 755075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755075 }
```

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

```
.background{ background-color:#755075 }
```

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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