

# Converting Colors

Hex(754877)

Have a look what the booklet for  
Hex(754877) contains.

<b>Hex(754877)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(754877)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	754877
RGB	117, 72, 119
RGB Percent	46%, 28%, 47%
CMY	0.5412, 0.7176, 0.5333
CMYK	0.02, 0.39, 0.00, 0.53
HSL	297°, 25%, 37%
HSV	297°, 39%, 47%
XYZ	12.9833, 9.7485, 18.6501
YIQ	90.8130, 11.7330, 24.1570

# Conversions

## Conversions Part 2

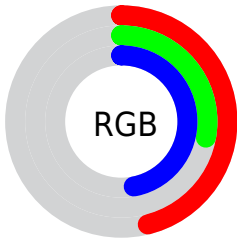
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 72, 119
Decimal	7686263
CIE Lab	37.39, 27.39, -19.02
CIE LCh	37, 33.346, 325.214
Yxy	9.7485, 0.3137, 0.2356
Android (android.graphics.Color)	4285876343 (0xFF754877)
YUV	90.8130, 13.8962, 22.9660
Hunter-Lab	31.2227, 19.5856, -13.5596

# Details

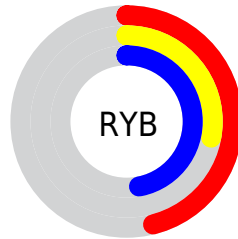
The Hex color **754877** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4A7748**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **AA7AAB**, and **431A46** is the 20% darker color. If you saturate the color by 10%, you get **743C77**, and if you desaturate by 10%, it is **765477**.

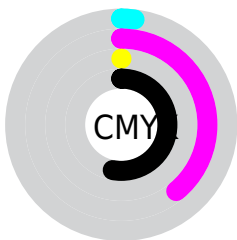
# Distribution



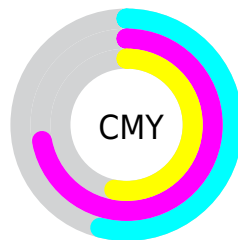
- Red (46%)
- Green (28%)
- Blue (47%)



- Red (46%)
- Yellow (28%)
- Blue (47%)



- Cyan (2%)
- Magenta (39%)
- Yellow (0%)
- Black (53%)



- Cyan (54%)
- Magenta (72%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 754877 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 754877 by changing the saturation by 10% instead.



 754877

 754877

FFFFFF

 5C315E

 AA7AAB

 431A46

 C694C7

 2C0330

 E2AFE3

 15001B

 FFCAFF

 000000

 FFE6FF

 754877

 754877

 743C77

 765477

 743077

 766077

 732477

 776C77

 731877

 777877

 720C77

 788477

 720177

 788F77

 720077

 799B77

 79A777

 7AB377

# Harmonies

## Analogous

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



535389



754877



87415D

# Triad

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



754877



6B5520



00656E

# Complementary

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



754877



4A7748

# 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.



006553



754877



515D25

# Square

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



754877



7F4B2C



306338



006284

# Rectangle

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



754877



8A414B



306338



006665



# Sweetspot

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



754877



9B899C



484A77



4F444F



CFCFCF



4F4F4F



# Same Dimension

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



754877



98529C



774862



3A353B



75007A



EF00FA



# Inverse Universe

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



77484A



9C5256



48775D



3B3535



7A0005

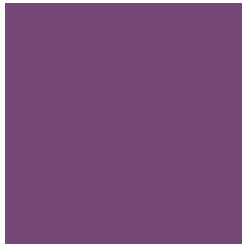


FA000B



# Previews

## White Background



This preview shows how the Hex color 754877 looks on a white background.

## Color Contrast Check

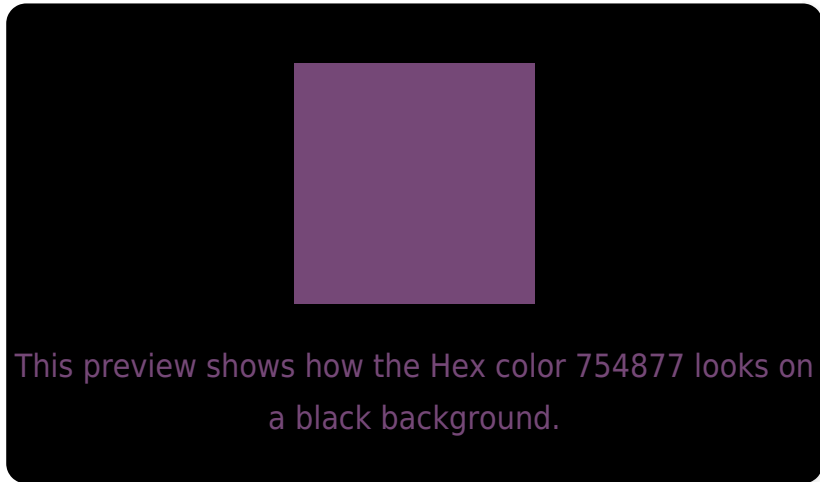
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

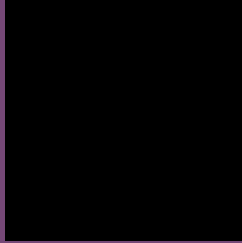
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 754877 Background



This preview shows how black text looks on a background with the Hex color 754877.



This preview shows how white text looks on a background with the Hex color 754877.

# 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**  
714F55

# Trichromacy



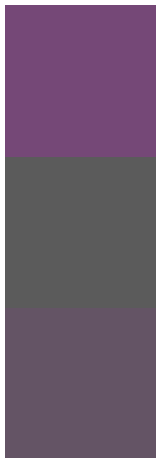
**Original Color**  
754877

**Protanomaly**  
5A527F

**Deuteranomaly**  
5F5275

**Tritanomaly**  
724C61

# Monochromacy



**Original Color**  
754877

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
645465

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 754877 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 #754877 looks like.

```
.text, #text, p{  
    color:#754877  
}
```

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 #754877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #754877  
}
```

## Border

The CSS property to change the border of an element to Hex 754877 is called "border". The border property can be set on classes, ids or directly on the HTML element.

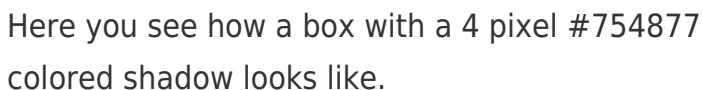
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#754877 }
```

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

```
.border{ border-color:#754877 }
```

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



Here you see how a box with a 4 pixel #754877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #754877; -webkit-box-shadow:4px 4px  
4px 4px #754877; box-shadow:4px 4px 4px  
4px #754877 }
```

# Background

The CSS property to change the background color of an element to Hex 754877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#754877 }
```

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

```
.background{ background-color:#754877 }
```

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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