

# Converting Colors

Hex(753481)

Have a look what the booklet for  
Hex(753481) contains.

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**Color**

**Hex(753481)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	753481
RGB	117, 52, 129
RGB Percent	46%, 20%, 51%
CMY	0.5412, 0.7961, 0.4941
CMYK	0.09, 0.60, 0.00, 0.49
HSL	291°, 43%, 35%
HSV	291°, 60%, 51%
XYZ	12.5266, 7.8229, 21.6186
YIQ	80.2130, 14.0230, 37.7270

# Conversions

## Conversions Part 2

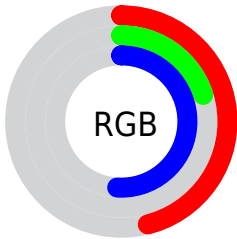
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 52, 129
Decimal	7681153
CIE <sub>Lab</sub>	33.61, 40.61, -31.14
CIE <sub>LCh</sub>	34, 51.173, 322.517
Yxy	7.8229, 0.2985, 0.1864
Android (android.graphics.Color)	4285871233 (0xFF753481)
YUV	80.2130, 24.0520, 32.2622
Hunter-Lab	27.9694, 30.9978, -26.2489

# Details

The Hex color **753481** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **408134**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **AB66B6**, and **42004F** is the 20% darker color. If you saturate the color by 10%, you get **732781**, and if you desaturate by 10%, it is **774181**.

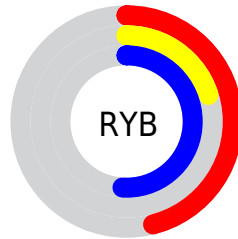
# Distribution



Red (46%)

Green (20%)

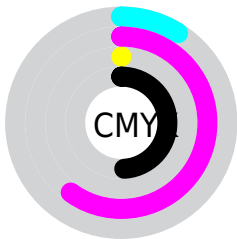
Blue (51%)



Red (46%)

Yellow (20%)

Blue (51%)

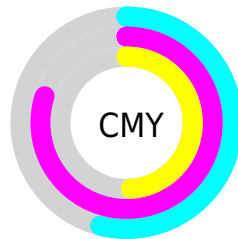


Cyan (9%)

Magenta (60%)

Yellow (0%)

Black (49%)



Cyan (54%)

Magenta (80%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 753481 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 753481 by changing the saturation by 10% instead.



■ 753481

■ 753481

FFFFFF

■ 5B1B68

■ AB66B6

■ 42004F

■ C780D2

■ 2A0038

■ E49BEF

■ 0A0022

■ FFB6FF

■ 000007

■ FFD2FF

■ 000000

■ FFEFFF

■ 753481

■ 753481

■ 732781

■ 774181

711A81

794E81

6F0D81

7B5B81

6D0081

7D6881

7F7581

818181

838E81

859B81

87A881

# Harmonies

## Analogous

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



34499B



753481



91205B

# Triad

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



753481



694A00



00616D

# Complementary

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



753481



408134

# 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.



006043



753481



435600

# Square

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



753481



85380B



005D18



005E8F

# Rectangle

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



753481



961F40



005D18



00615F



# Sweetspot

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



753481



A48AA8



344181



514254



D4D4D4



545454



# Same Dimension

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



753481



952FA8



813467



3F3940



6C0080



000000



# Inverse Universe

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



813440



A82F42



34814E



40393A



800014



000000



# Previews

## White Background



This preview shows how the Hex color 753481 looks on a white background.

## Color Contrast Check

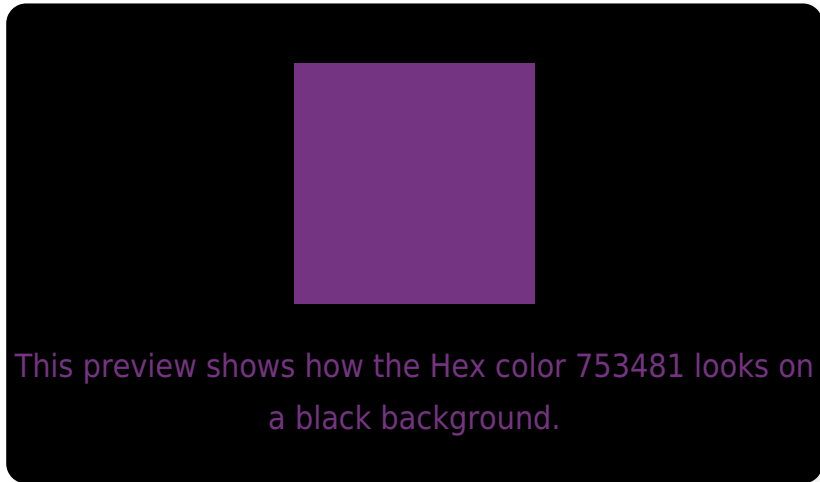
Large Text (above 18pt) WCAG AA ✓ Pass

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

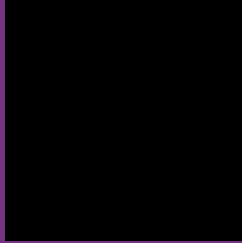
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 753481 Background



This preview shows how black text looks on a background with the Hex color 753481.



This preview shows how white text looks on a background with the Hex color 753481.

# 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**  
6D4449

# Trichromacy



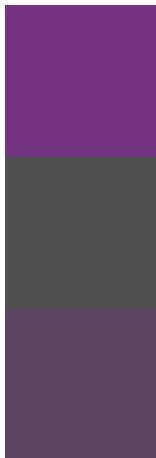
**Original Color**  
753481

**Protanomaly**  
414490

**Deuteranomaly**  
4F467E

**Tritanomaly**  
703E5D

# Monochromacy



**Original Color**  
753481

**Achromatopsia**  
505050

**Achromatomaly**  
5D4662

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 753481 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 #753481 looks like.

```
.text, #text, p{  
    color:#753481  
}
```

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 #753481 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #753481
}
```

## Border

The CSS property to change the border of an element to Hex 753481 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
#753481 }
```

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

```
.border{ border-color:#753481 }
```

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

Here you see how a box with a 4 pixel #753481 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #753481; -webkit-box-shadow:4px 4px  
4px 4px #753481; box-shadow:4px 4px 4px  
4px #753481 }
```

# Background

The CSS property to change the background color of an element to Hex 753481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#753481 }
```

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

```
.background{ background-color:#753481 }
```

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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