

# Converting Colors

Hex(753664)

Have a look what the booklet for  
Hex(753664) contains.

<b>Hex(753664)</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(753664)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	753664
RGB	117, 54, 100
RGB Percent	46%, 21%, 39%
CMY	0.5412, 0.7882, 0.6078
CMYK	0.00, 0.54, 0.15, 0.54
HSL	316°, 37%, 34%
HSV	316°, 54%, 46%
XYZ	10.9555, 7.3403, 12.8960
YIQ	78.0810, 22.7820, 27.6620

# Conversions

## Conversions Part 2

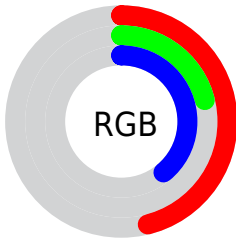
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 54, 100
Decimal	7681636
CIE <sub>Lab</sub>	32.57, 33.98, -14.48
CIE <sub>LCh</sub>	33, 36.938, 336.923
Yxy	7.3403, 0.3512, 0.2353
Android (android.graphics.Color)	4285871716 (0xFF753664)
YUV	78.0810, 10.8061, 34.1320
Hunter-Lab	27.0931, 24.7666, -9.2562

# Details

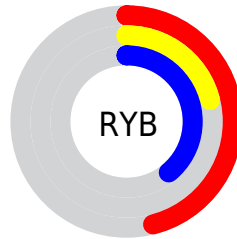
The Hex color **753664** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **367547**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **AB6797**, and **420335** is the 20% darker color. If you saturate the color by 10%, you get **752A61**, and if you desaturate by 10%, it is **754267**.

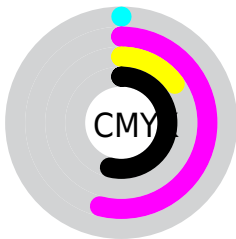
# Distribution



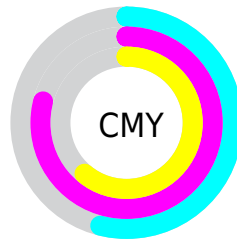
- Red (46%)
- Green (21%)
- Blue (39%)



- Red (46%)
- Yellow (21%)
- Blue (39%)



- Cyan (0%)
- Magenta (54%)
- Yellow (15%)
- Black (54%)



- Cyan (54%)
- Magenta (79%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 753664 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 753664 by changing the saturation by 10% instead.



 753664

 753664

FFFFFF

 5B1E4C

 AB6797

 420335

 C781B2

 2C0020

 E39CCD

 030004

 FFB7E9

 000000

 FFD3FF

 FFF0FF

 753664

 753664

 752A61

 754267

751F5E

754D6A

75135B

75596D

750757

756571

750055

757174

757C77

75887A

75947D

759F80

# Harmonies

## Analogous

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



57427B



753664



813147

# Triad

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



753664



564D0C



005A6F

# Complementary

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



753664



367547

# 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.



005B53



753664



37551B

# Square

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



753664



6E4315



005935



005682

# Rectangle

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



753664



803434



005935



005A66



# Sweetspot

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



753664



998192



473675



4D3E49



CCCCCC



4D4D4D



# Same Dimension

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



753664



99367E



753645



3B3539



7A0059



FA00B6



# Inverse Universe

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



753664



99367E



367566



3B3539



7A0059

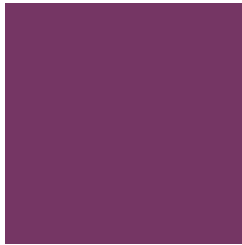


FA00B6



# Previews

## White Background



This preview shows how the Hex color 753664 looks on a white background.

## Color Contrast Check

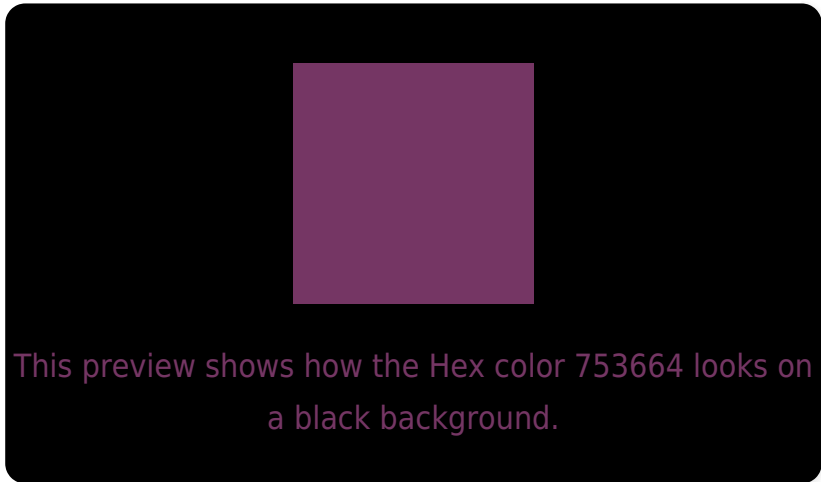
Large Text (above 18pt) WCAG AA ✓ Pass

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

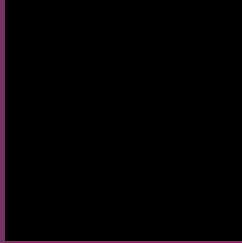
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 753664 Background



This preview shows how black text looks on a background with the Hex color 753664.




This preview shows how white text looks on a background with the Hex color 753664.

# 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**  
713E42

# Trichromacy



**Original Color**

753664

**Protanomaly**

53446F

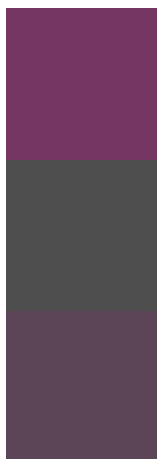
**Deuteranomaly**

5A4461

**Tritanomaly**

723B4E

# Monochromacy



**Original Color**

753664

**Achromatopsia**

4E4E4E

**Achromatomaly**

5C4556

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 753664 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 #753664 looks like.

```
.text, #text, p{  
    color:#753664  
}
```

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 #753664 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #753664
}
```

## Border

The CSS property to change the border of an element to Hex 753664 is called "border". The border property can be set on classes, ids or directly on the HTML element.

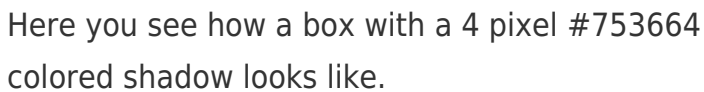
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#753664 }
```

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

```
.border{ border-color:#753664 }
```

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



Here you see how a box with a 4 pixel `#753664` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #753664; -webkit-box-shadow:4px 4px  
4px 4px #753664; box-shadow:4px 4px 4px  
4px #753664 }
```

# Background

The CSS property to change the background color of an element to Hex 753664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#753664 }
```

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

```
.background{ background-color:#753664 }
```

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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