

# Converting Colors

Hex(753545)

Have a look what the booklet for  
Hex(753545) contains.

<b>Hex(753545)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(753545)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	753545
RGB	117, 53, 69
RGB Percent	46%, 21%, 27%
CMY	0.5412, 0.7922, 0.7294
CMYK	0.00, 0.55, 0.41, 0.54
HSL	345°, 38%, 33%
HSV	345°, 55%, 46%
XYZ	9.6834, 6.7578, 6.4242
YIQ	73.9600, 33.0080, 18.5440

# Conversions

## Conversions Part 2

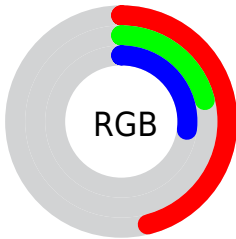
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 53, 69
Decimal	7681349
CIELab	31.25, 29.87, 3.60
CIELCh	31, 30.082, 6.880
Yxy	6.7578, 0.4235, 0.2955
Android (android.graphics.Color)	4285871429 (0xFF753545)
YUV	73.9600, -2.4453, 37.7461
Hunter-Lab	25.9957, 20.9986, 3.5449

# Details

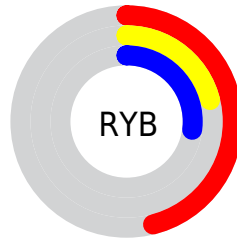
The Hex color **753545** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **357565**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **AB6675**, and **41041A** is the 20% darker color. If you saturate the color by 10%, you get **75293C**, and if you desaturate by 10%, it is **75414E**.

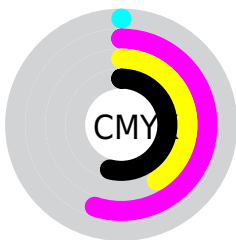
# Distribution



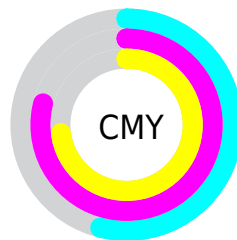
- Red (46%)
- Green (21%)
- Blue (27%)



- Red (46%)
- Yellow (21%)
- Blue (27%)



- Cyan (0%)
- Magenta (55%)
- Yellow (41%)
- Black (54%)



- Cyan (54%)
- Magenta (79%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 753545 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 753545 by changing the saturation by 10% instead.



 753545

 753545

FFFFFF

 5B1D2F

 AB6675

 41041A

 C8808F

 2D0001

 E49AA9

 000000

 FFB5C4

 FFD1E0

 FFEEFD

 753545

 753545

 75293C

 75414E

 751E33

 754C57

 75122B

 75585F

 750622

 756468

 75001D

 756F71

 757B7A

 758782

 75938B

 759E94

# Harmonies

## Analogous

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



6B385C



753545



72392F

# Triad

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



753545



395022



005174

# Complementary

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



753545



357565

# 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.



005465



753545



155436

# Square

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



753545



524A18



00554E



294A78

# Rectangle

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



753545



6B3F22



00554E



005270



# Sweetspot

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



753545



998187



653575



4D3E42



CCCCCC



4D4D4D



# Same Dimension

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



753545



99344D



754535



3B3536



7A001F



FA003E



# Inverse Universe

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



753545



99344D



356575



3B3536



7A001F

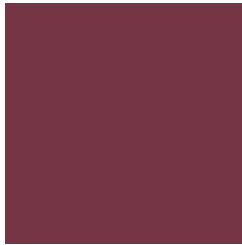


FA003E



# Previews

## White Background



This preview shows how the Hex color 753545 looks on a white background.

## Color Contrast Check

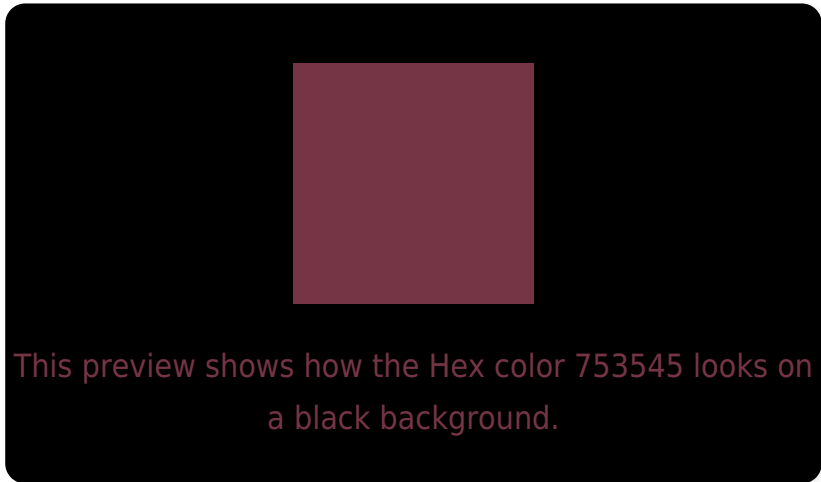
Large Text (above 18pt) WCAG AA ✓ Pass

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

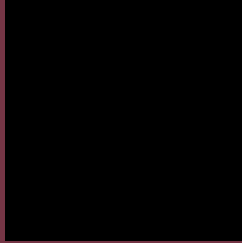
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 753545 Background



This preview shows how black text looks on a background with the Hex color 753545.



This preview shows how white text looks on a background with the Hex color 753545.

# 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



**Original Color**  
753545

**Protanopia**  
4A4A51

**Deuteranopia**  
544842



**Tritanopia**  
74373B

# Trichromacy



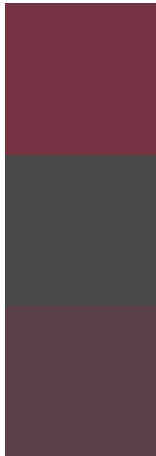
**Original Color**  
753545

**Protanomaly**  
5A424D

**Deuteranomaly**  
604143

**Tritanomaly**  
74363F

# Monochromacy



**Original Color**  
753545

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
5A4248

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 753545 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 #753545 looks like.

```
.text, #text, p{  
    color:#753545  
}
```

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 #753545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #753545
}
```

## Border

The CSS property to change the border of an element to Hex 753545 is called "border". The border property can be set on classes, ids or directly on the HTML element.

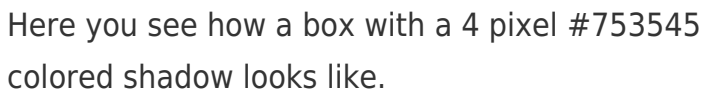
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#753545 }
```

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

```
.border{ border-color:#753545 }
```

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



Here you see how a box with a 4 pixel #753545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #753545; -webkit-box-shadow:4px 4px  
4px 4px #753545; box-shadow:4px 4px 4px  
4px #753545 }
```

# Background

The CSS property to change the background color of an element to Hex 753545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#753545 }
```

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

```
.background{ background-color:#753545 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor