

# Converting Colors

Hex(753252)

Have a look what the booklet for  
Hex(753252) contains.

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**Color**

**Hex(753252)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	753252
RGB	117, 50, 82
RGB Percent	46%, 20%, 32%
CMY	0.5412, 0.8039, 0.6784
CMYK	0.00, 0.57, 0.30, 0.54
HSL	331°, 40%, 33%
HSV	331°, 57%, 46%
XYZ	9.9997, 6.6723, 8.7435
YIQ	73.6810, 29.6600, 24.1560

# Conversions

## Conversions Part 2

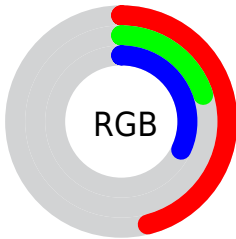
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 50, 82
Decimal	7680594
CIE <sub>Lab</sub>	31.05, 33.24, -5.17
CIE <sub>LCh</sub>	31, 33.642, 351.166
Yxy	6.6723, 0.3934, 0.2625
Android (android.graphics.Color)	4285870674 (0xFF753252)
YUV	73.6810, 4.1013, 37.9908
Hunter-Lab	25.8308, 23.8976, -1.9875

# Details

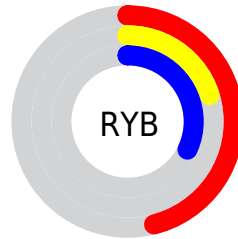
The Hex color **753252** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **327555**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **AB6383**, and **420025** is the 20% darker color. If you saturate the color by 10%, you get **75264C**, and if you desaturate by 10%, it is **753E58**.

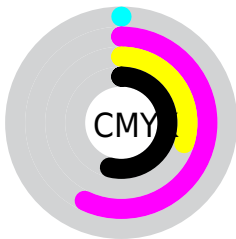
# Distribution



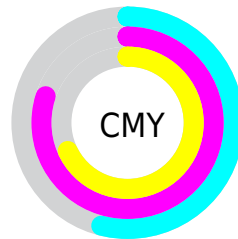
- Red (46%)
- Green (20%)
- Blue (32%)



- Red (46%)
- Yellow (20%)
- Blue (32%)



- Cyan (0%)
- Magenta (57%)
- Yellow (30%)
- Black (54%)



- Cyan (54%)
- Magenta (80%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 753252 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 753252 by changing the saturation by 10% instead.



753252

753252

FFFFFF

5B1A3B

AB6383

420025

C77D9D

2D0011

E498B8

000000

FFB3D4

FFCFF0

FFE8FF

753252

753252

75264C

753E58

 751B46

 75495E

 750F40

 755564

 75033A

 75616A

 750038

 756D71

 757877

 75847D

 759083

 759B89

# Harmonies

## Analogous

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



623A6A



753252



793238

# Triad

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



753252



454D14



005472

# Complementary

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



753252



327555

# 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.



00565B



753252



255326

# Square

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



753252



5E4512



005540



004E7D

# Rectangle

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



753252



743728



005540



00556B



# Sweetspot

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



753252



997F8B



553275



4D3D45



CCCCCC



4D4D4D



# Same Dimension

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



753252



992F62



753332



3B3538



7A003A



FA0077



# Inverse Universe

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



753252



992F62



327475



3B3538



7A003A

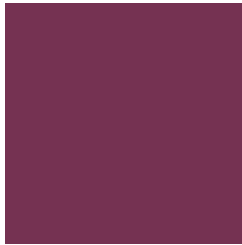


FA0077



# Previews

## White Background



This preview shows how the Hex color 753252 looks on a white background.

## Color Contrast Check

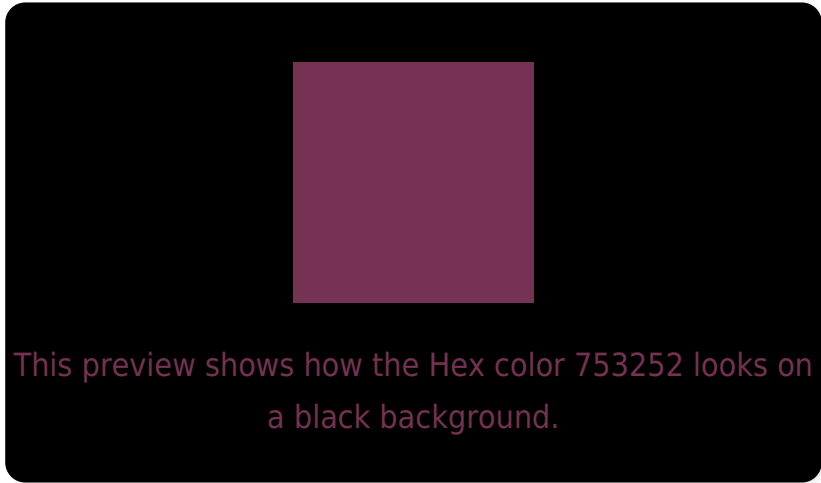
Large Text (above 18pt) WCAG AA ✓ Pass

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

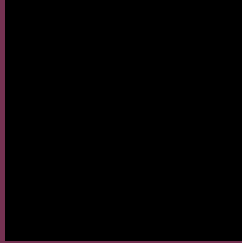
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 753252 Background



This preview shows how black text looks on a background with the Hex color 753252.



This preview shows how white text looks on a background with the Hex color 753252.

# 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**  
753252

**Protanopia**  
434961

**Deuteranopia**  
4F484F



**Tritanopia**  
73373B

# Trichromacy



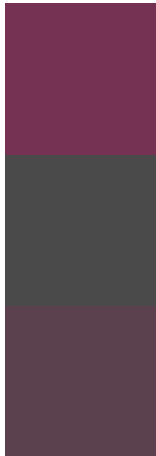
**Original Color**  
753252

**Protanomaly**  
55415C

**Deuteranomaly**  
5D4050

**Tritanomaly**  
743543

# Monochromacy



**Original Color**  
753252

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
5A414D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 753252 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 #753252 looks like.

```
.text, #text, p{  
    color:#753252  
}
```

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 #753252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #753252
}
```

## Border

The CSS property to change the border of an element to Hex 753252 is called "border". The border property can be set on classes, ids or directly on the HTML element.

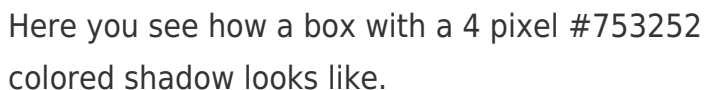
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#753252 }
```

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

```
.border{ border-color:#753252 }
```

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



Here you see how a box with a 4 pixel #753252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #753252; -webkit-box-shadow:4px 4px  
4px 4px #753252; box-shadow:4px 4px 4px  
4px #753252 }
```

# Background

The CSS property to change the background color of an element to Hex 753252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#753252 }
```

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

```
.background{ background-color:#753252 }
```

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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