

# Converting Colors

Hex(755550)

Have a look what the booklet for  
Hex(755550) contains.

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**Color**

**Hex(755550)**

# Conversions

## Conversions Part 1

Format	Color
Hex	755550
RGB	117, 85, 80
RGB Percent	46%, 33%, 31%
CMY	0.5412, 0.6667, 0.6863
CMYK	0.00, 0.27, 0.32, 0.54
HSL	8°, 19%, 39%
HSV	8°, 32%, 46%
XYZ	12.0326, 10.8581, 9.0511
YIQ	93.9980, 20.6770, 5.2290

# Conversions

## Conversions Part 2

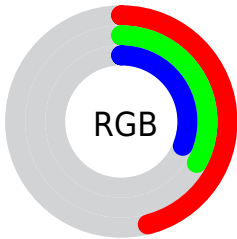
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 86, 80
Decimal	7689552
CIE Lab	39.34, 12.52, 8.13
CIE LCh	39, 14.930, 32.988
Yxy	10.8581, 0.3767, 0.3399
Android (android.graphics.Color)	4285879632 (0xFF755550)
YUV	93.9980, -6.9010, 20.1728
Hunter-Lab	32.9516, 7.5156, 6.7805

# Details

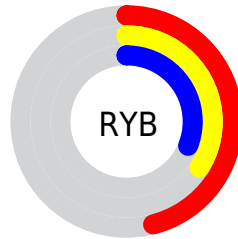
The Hex color **755550** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **507075**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **AA8781**, and **432824** is the 20% darker color. If you saturate the color by 10%, you get **754B44**, and if you desaturate by 10%, it is **755F5C**.

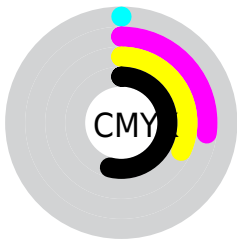
# Distribution



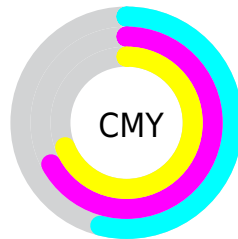
- Red (46%)
- Green (33%)
- Blue (31%)



- Red (46%)
- Yellow (34%)
- Blue (31%)



- Cyan (0%)
- Magenta (27%)
- Yellow (32%)
- Black (54%)



- Cyan (54%)
- Magenta (67%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 755550 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 755550 by changing the saturation by 10% instead.



 755550

 755550

FFFFFF

 5C3E39

 AA8781

 432824

 C6A19B

 2C130E

 E2BCB6

 150000

 FFD8D2

 000000

 FFF4EE

 755550

 755550

 754B44

 755F5C

 754139

 756967

 75372D

 757373

 752D21

 757D7F

 752216

 75888B

 75180A

 759296

 751000

 759CA2

 75A6AE

 75B0B9

# Harmonies

## Analogous

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



75545C



755550



6F5847

# Triad

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



755550



496251



505D75

# Complementary

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



755550



507075

# 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.



416172



755550



3E645D

# Square

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



755550



576048



3A6369



605971

# Rectangle

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



755550



685B45



3A6369



4A5F74



# Sweetspot

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



755550



998D8B



755070



4D4544



CCCCCC



4D4D4D



# Same Dimension

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



755550



99675F



756750



3B3635



7A1100



FA2200



# Inverse Universe

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



507075



5F9199



505E75



353A3B



006A7A



00D8FA



# Previews

## White Background



This preview shows how the Hex color 755550 looks on a white background.

## Color Contrast Check

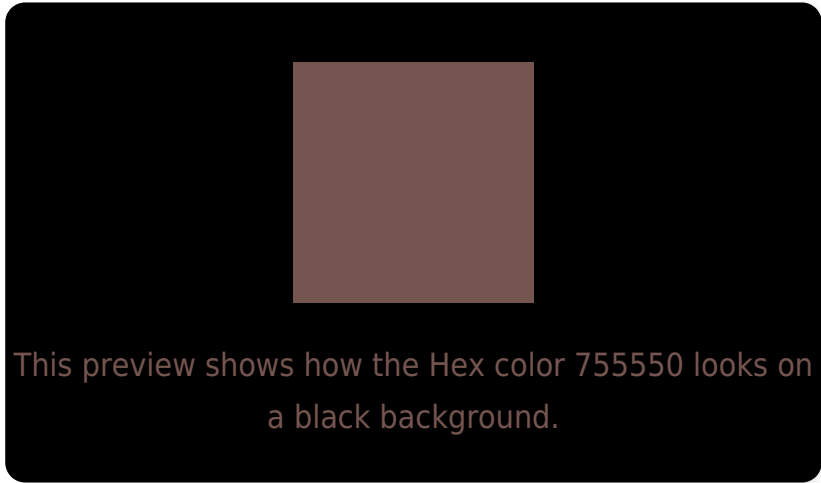
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 755550 Background



This preview shows how black text looks on a background with the Hex color 755550.



This preview shows how white text looks on a background with the Hex color 755550.

# 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**  
755550

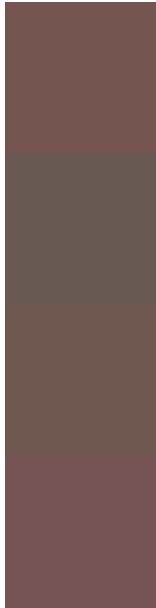
**Protanopia**  
615D54

**Deuteranopia**  
6B594F



**Tritanopia**  
76545A

# Trichromacy



**Original Color**  
755550

**Protanomaly**  
685A53

**Deuteranomaly**  
6F584F

**Tritanomaly**  
765456

# Monochromacy



**Original Color**  
755550

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
665B59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 755550 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 #755550 looks like.

```
.text, #text, p{  
    color:#755550  
}
```

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 #755550 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755550
}
```

## Border

The CSS property to change the border of an element to Hex 755550 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".

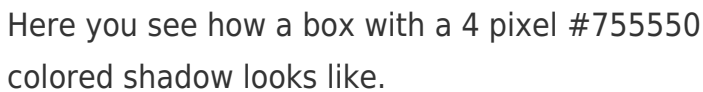
```
.border, #border, table{ border:4px solid
#755550 }
```

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

```
.border{ border-color:#755550 }
```

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

Here you see how a box with a 4 pixel #755550 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755550; -webkit-box-shadow:4px 4px  
4px 4px #755550; box-shadow:4px 4px 4px  
4px #755550 }
```

# Background

The CSS property to change the background color of an element to Hex 755550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755550 }
```

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

```
.background{ background-color:#755550 }
```

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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