

# Converting Colors

Hex(757242)

Have a look what the booklet for  
Hex(757242) contains.

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**Color**

**Hex(757242)**

# Conversions

## Conversions Part 1

Format	Color
Hex	757242
RGB	117, 114, 66
RGB Percent	46%, 45%, 26%
CMY	0.5412, 0.5529, 0.7412
CMYK	0.00, 0.03, 0.44, 0.54
HSL	56°, 28%, 36%
HSV	56°, 44%, 46%
XYZ	14.3368, 16.2099, 7.5274
YIQ	109.4250, 17.1960, -14.2920

# Conversions

## Conversions Part 2

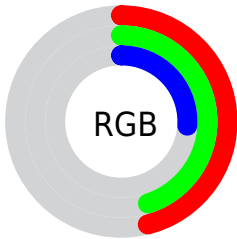
Format	Color
<a href="#">RYB</a>	<a href="#">69, 117, 66</a>
Decimal	<a href="#">7696962</a>
CIELab	<a href="#">47.25, -6.46, 26.97</a>
CIELCh	<a href="#">47, 27.729, 103.481</a>
Yxy	<a href="#">16.2099, 0.3765, 0.4257</a>
Android (android.graphics.Color)	<a href="#">4285887042</a> ( <a href="#">0xFF757242</a> )
YUV	<a href="#">109.4250, -21.4085, 6.6433</a>
Hunter-Lab	<a href="#">40.2615, -6.8952, 17.0980</a>

# Details

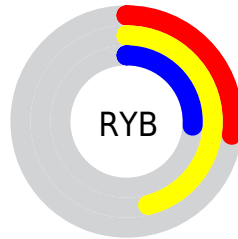
The Hex color **757242** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **424575**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **AAA673**, and **434215** is the 20% darker color. If you saturate the color by 10%, you get **757136**, and if you desaturate by 10%, it is **75734E**.

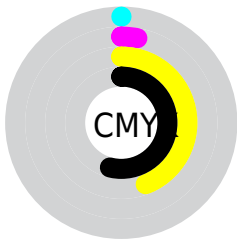
# Distribution



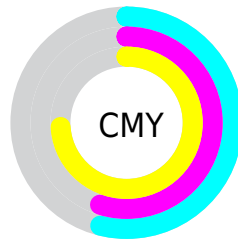
- Red (46%)
- Green (45%)
- Blue (26%)



- Red (27%)
- Yellow (46%)
- Blue (26%)



- Cyan (0%)
- Magenta (3%)
- Yellow (44%)
- Black (54%)



- Cyan (54%)
- Magenta (55%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 757242 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 757242 by changing the saturation by 10% instead.





757242



757242

FFFFFF



5C5A2B



AAA673



434215



C6C18D



2D2C00



E2DDA7



151800



FFF9C3



000000



FFFFDF



FFFFFB



757242



757242



757136



75734E

 75712B

 757359

 75701F

 757465

 756F13

 757571

 756F07

 75757D

 756E00

 757688

 757794

 7578A0

 7578AB

# Harmonies

## Analogous

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



8B6A43



757242



5B784D

# Triad

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



757242



0F7B8F



95607E

# Complementary

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



757242



424575

# 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.



806692



757242



37769C

# Square

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



757242



1C7D7A



606F9D



9E5E66

# Rectangle

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



757242



487B5A



606F9D



906185



# Sweetspot

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



757242



999885



754245



4D4C40



CCCCCC



4D4D4D



# Same Dimension

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



757242



999449



5F7542



3B3A35



7A7300



FAEB00



# Inverse Universe

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



424575



494E99



584275



35353B



00077A



000FFA



# Previews

## White Background



This preview shows how the Hex color 757242 looks on a white background.

## Color Contrast Check

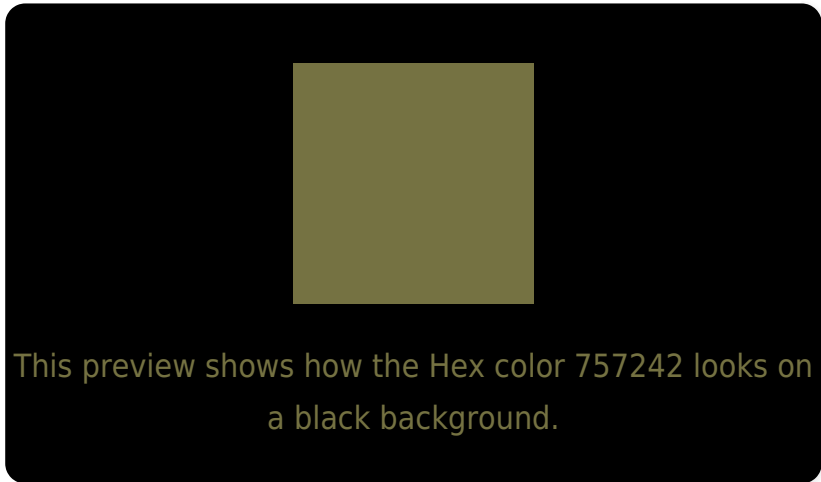
Large Text (above 18pt) WCAG AA ✓ Pass

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

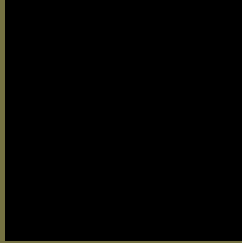
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 757242 Background



This preview shows how black text looks on a background with the Hex color 757242.



This preview shows how white text looks on a background with the Hex color 757242.

# 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**


757242

**Protanopia**

7B7041

**Deuteranopia**

886B44



**Tritanopia**  
7A6C75

# Trichromacy



**Original Color**  
757242

**Protanomaly**  
797141

**Deuteranomaly**  
816E43

**Tritanomaly**  
786E62

# Monochromacy



**Original Color**  
757242

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
706F5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 757242 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 #757242 looks like.

```
.text, #text, p{  
    color:#757242  
}
```

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 #757242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757242
}
```

## Border

The CSS property to change the border of an element to Hex 757242 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
#757242 }
```

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

```
.border{ border-color:#757242 }
```

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

Here you see how a box with a 4 pixel #757242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757242; -webkit-box-shadow:4px 4px  
4px 4px #757242; box-shadow:4px 4px 4px  
4px #757242 }
```

# Background

The CSS property to change the background color of an element to Hex 757242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757242 }
```

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

```
.background{ background-color:#757242 }
```

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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