

# Converting Colors

Hex(757374)

Have a look what the booklet for  
Hex(757374) contains.

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# Color

Hex(757374)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	757374
RGB	117, 115, 116
RGB Percent	46%, 45%, 45%
CMY	0.5412, 0.5490, 0.5451
CMYK	0.00, 0.02, 0.01, 0.54
HSL	330°, 1%, 45%
HSV	330°, 2%, 46%
XYZ	16.6192, 17.3043, 18.9871
YIQ	115.7120, 0.8710, 0.7350

# Conversions

## Conversions Part 2

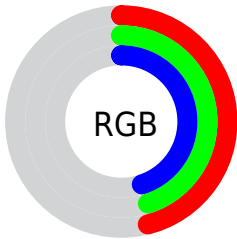
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 115, 116
Decimal	7697268
CIE <sub>Lab</sub>	48.64, 0.97, -0.29
CIE <sub>LCh</sub>	49, 1.009, 343.512
Yxy	17.3043, 0.3141, 0.3270
Android (android.graphics.Color)	4285887348 (0xFF757374)
YUV	115.7120, 0.1420, 1.1296
Hunter-Lab	41.5985, -1.4838, 2.0567

# Details

The Hex color **757374** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **737574**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A9A7A8**, and **454344** is the 20% darker color. If you saturate the color by 10%, you get **75676E**, and if you desaturate by 10%, it is **757F7A**.

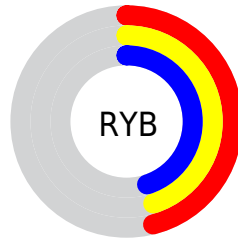
# Distribution



Red (46%)

Green (45%)

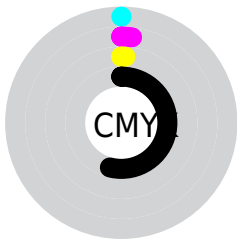
Blue (45%)



Red (46%)

Yellow (45%)

Blue (45%)

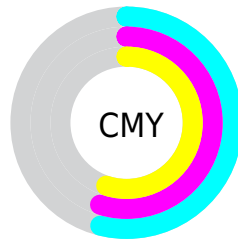


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (54%)



Cyan (54%)

Magenta (55%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 757374 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 757374 by changing the saturation by 10% instead.





757374



757374

FFFFFF



5C5A5B



A9A7A8



454344



C4C2C3



2F2D2E



E0DEDF



1A1819



FDF AFC



000000



757374



757374



75676E



757F7A



755C68



758A80



755062



759686

 75445D

 75A28B

 753957

 75AE91

 752D51

 75B997

 75214B

 75C59D

 751545

 75D1A3

 750A3F

 75DCA9

# Harmonies

## Analogous

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



747375



757374



757373

# Triad

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



757374



747472



727475

# Complementary

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



757374



737574

# 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.



727474



757374



737472

# Square

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



757374



757372



727473



727475

# Rectangle

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



757374



757373



727473



727474



# Sweetspot

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



757374



999798



747375



4D4C4C



CCCCCC



4D4D4D



# Same Dimension

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



757374



999697



757373



3B393A



7A003D



FA007D



# Inverse Universe

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



757374



999697



737575



3B393A



7A003D



FA007D



# Previews

## White Background



This preview shows how the Hex color 757374 looks on a white background.

## Color Contrast Check

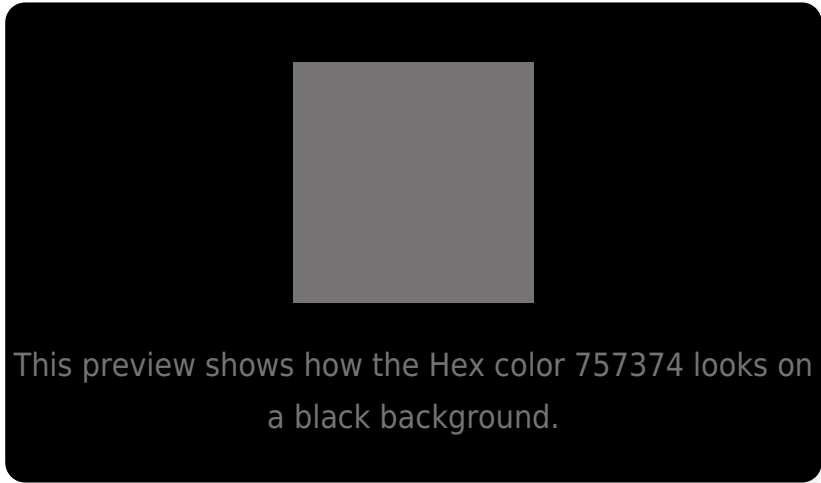
Large Text (above 18pt) WCAG AA ✓ Pass

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

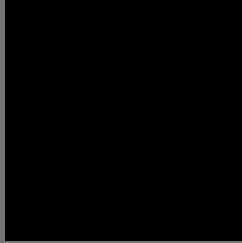
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

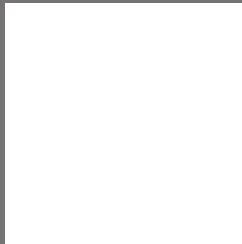
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 757374 Background



This preview shows how black text looks on a background with the Hex color 757374.



This preview shows how white text looks on a background with the Hex color 757374.

# 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**

757374

**Protanopia**

757374

**Deuteranopia**

7E7075



**Tritanopia**  
76727B

# Trichromacy



**Original Color**  
757374

**Protanomaly**  
757374

**Deuteranomaly**  
7B7175

**Tritanomaly**  
767278

# Monochromacy



**Original Color**  
757374

**Achromatopsia**  
747474

**Achromatomaly**  
747474

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 757374 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 #757374 looks like.

```
.text, #text, p{  
    color:#757374  
}
```

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 #757374 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757374
}
```

## Border

The CSS property to change the border of an element to Hex 757374 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
#757374 }
```

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

```
.border{ border-color:#757374 }
```

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

Here you see how a box with a 4 pixel #757374 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757374; -webkit-box-shadow:4px 4px  
4px 4px #757374; box-shadow:4px 4px 4px  
4px #757374 }
```

# Background

The CSS property to change the background color of an element to Hex 757374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757374 }
```

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

```
.background{ background-color:#757374 }
```

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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