

# Converting Colors

Hex(7B7363)

Have a look what the booklet for  
Hex(7B7363) contains.

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**Color**

**Hex(7B7363)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B7363
RGB	123, 115, 99
RGB Percent	48%, 45%, 39%
CMY	0.5176, 0.5490, 0.6118
CMYK	0.00, 0.07, 0.20, 0.52
HSL	40°, 11%, 44%
HSV	40°, 20%, 48%
XYZ	16.5512, 17.3733, 14.2854
YIQ	115.5680, 9.9040, -3.2800

# Conversions

## Conversions Part 2

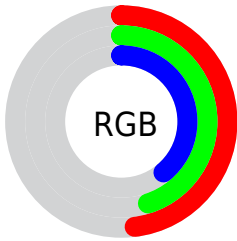
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 123, 99
Decimal	8090467
CIE Lab	48.73, 0.22, 9.97
CIE LCh	49, 9.974, 88.756
Yxy	17.3733, 0.3433, 0.3604
Android (android.graphics.Color)	4286280547 (0xFF7B7363)
YUV	115.5680, -8.1680, 6.5179
Hunter-Lab	41.6813, -2.0615, 8.8564

# Details

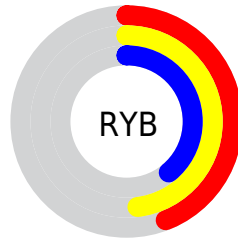
The Hex color **7B7363** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **636B7B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B0A796**, and **4A4334** is the 20% darker color. If you saturate the color by 10%, you get **7B6F57**, and if you desaturate by 10%, it is **7B776F**.

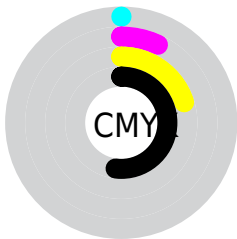
# Distribution



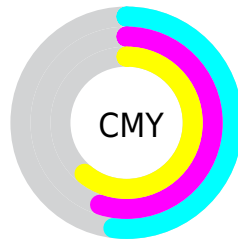
- Red (48%)
- Green (45%)
- Blue (39%)



- Red (44%)
- Yellow (48%)
- Blue (39%)



- Cyan (0%)
- Magenta (7%)
- Yellow (20%)
- Black (52%)



- Cyan (52%)
- Magenta (55%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B7363 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 7B7363 by changing the saturation by 10% instead.



 7B7363

 7B7363

FFFFFF

 625A4B

 B0A796

 4A4334

 CBC2B0

 332D1F

 E7DECC

 1F1808

 FFFAE8

 000000

 7B7363

 7B7363

 7B6F57

 7B776F

 7B6B4A

 7B7B7C

 7B673E

 7B7F88

■ 7B6332

■ 7B8394

■ 7B5F25

■ 7B88A1

■ 7B5A19

■ 7B8CAD

■ 7B560D

■ 7B90B9

■ 7B5201

■ 7B94C5

■ 7B5200

■ 7B98D2

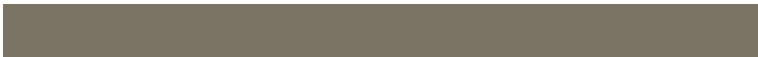
# Harmonies

## Analogous

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



827066



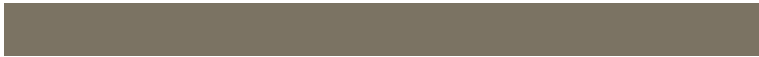
7B7363



727665

# Triad

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



7B7363



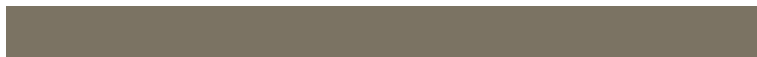
5E787B



7F6F7D

# Complementary

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



7B7363



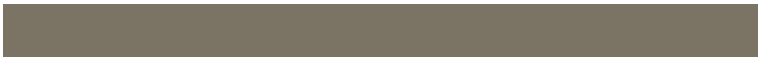
636B7B

# 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.



757282



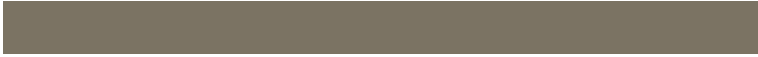
7B7363



627782

# Square

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



7B7363



617973



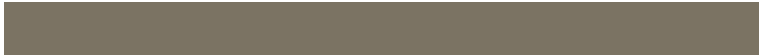
6A7584



846E74

# Rectangle

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



7B7363



6B7768



6A7584

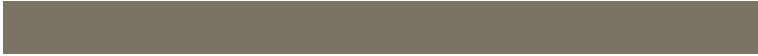


7C707F



# Sweetspot

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



7B7363



A19D97



7B636B



52504C



D1D1D1



525252



# Same Dimension

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



7B7363



A1947C



777B63



3D3B37



7D5300



FCA800



# Inverse Universe

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



636B7B



7C88A1



67637B



37393D



002A7D



0054FC



# Previews

## White Background



This preview shows how the Hex color 7B7363 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

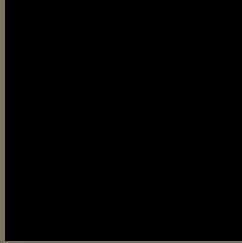
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

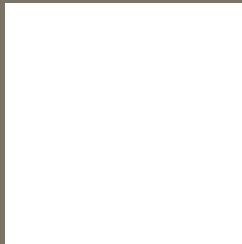
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B7363 Background



This preview shows how black text looks on a background with the Hex color 7B7363.



This preview shows how white text looks on a background with the Hex color 7B7363.

# 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**  
7B7363

**Protanopia**  
7A7363

**Deuteranopia**  
856F64



**Tritanopia**  
7E7079

# Trichromacy



**Original Color**  
7B7363

**Protanomaly**  
7A7363

**Deuteranomaly**  
817064

**Tritanomaly**  
7D7171

# Monochromacy



**Original Color**  
7B7363

**Achromatopsia**  
747474

**Achromatomaly**  
77746E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B7363 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 #7B7363 looks like.

```
.text, #text, p{  
    color:#7B7363  
}
```

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 #7B7363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7363
}
```

## Border

The CSS property to change the border of an element to Hex 7B7363 is called "border". The border property can be set on classes, ids or directly on the HTML element.

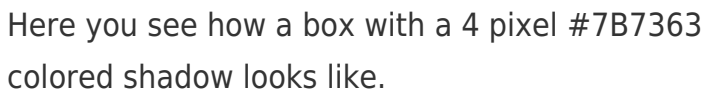
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B7363 }
```

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

```
.border{ border-color:#7B7363 }
```

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



Here you see how a box with a 4 pixel #7B7363 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7363; -webkit-box-shadow:4px 4px  
4px 4px #7B7363; box-shadow:4px 4px 4px  
4px #7B7363 }
```

# Background

The CSS property to change the background color of an element to Hex 7B7363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7363 }
```

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

```
.background{ background-color:#7B7363 }
```

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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