

# Converting Colors

Hex(7B5D64)

Have a look what the booklet for  
Hex(7B5D64) contains.

<b>Hex(7B5D64)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(7B5D64)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B5D64
RGB	123, 93, 100
RGB Percent	48%, 36%, 39%
CMY	0.5176, 0.6353, 0.6078
CMYK	0.00, 0.24, 0.19, 0.52
HSL	346°, 14%, 42%
HSV	346°, 24%, 48%
XYZ	14.3830, 12.9598, 13.8000
YIQ	102.7680, 15.6330, 8.5370

# Conversions

## Conversions Part 2

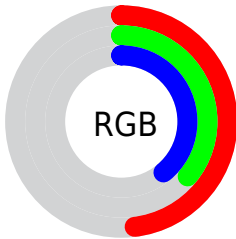
Format	Color
R <sub>Y</sub> B	123, 93, 100
Decimal	8084836
CIE Lab	42.70, 13.42, 0.75
CIE LCh	43, 13.437, 3.195
Yxy	12.9598, 0.3496, 0.3150
Android (android.graphics.Color)	4286274916 (0xFF7B5D64)
YUV	102.7680, -1.3646, 17.7435
Hunter-Lab	35.9997, 8.3169, 2.4717

# Details

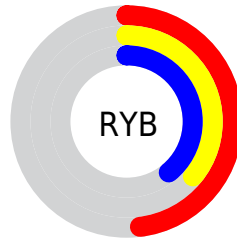
The Hex color **7B5D64** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5D7B74**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **B08F97**, and **4A2F35** is the 20% darker color. If you saturate the color by 10%, you get **7B515B**, and if you desaturate by 10%, it is **7B696D**.

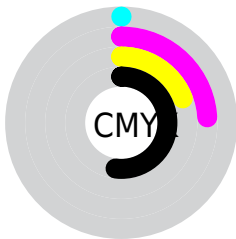
# Distribution



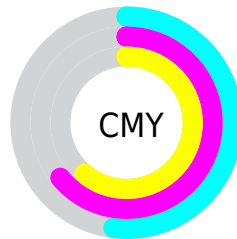
- Red (48%)
- Green (36%)
- Blue (39%)



- Red (48%)
- Yellow (36%)
- Blue (39%)



- Cyan (0%)
- Magenta (24%)
- Yellow (19%)
- Black (52%)



- Cyan (52%)
- Magenta (64%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B5D64 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 7B5D64 by changing the saturation by 10% instead.



 7B5D64

 7B5D64

FFFFFF

 62454C

 B08F97

 4A2F35

 CCAAB1

 321A20

 E8C5CD

 1F0009

 FFE1E9

 000000

FFFEFF

 7B5D64

 7B5D64

 7B515B

 7B696D

 7B4451

 7B7677

 7B3848

 7B8280

 7B2C3E

 7B8E8A

 7B2035

 7B9B93

 7B132B

 7BA79D

 7B0722

 7BB3A6

 7B001D

 7BBFAF

 7BCCB9

# Harmonies

## Analogous

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



745E6F



7B5D64



7B5E59

# Triad

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



7B5D64



606852



4D6978

# Complementary

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



7B5D64



5D7B74

# 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.



476B71



7B5D64



536A5B

# Square

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



7B5D64



6C644F



4A6B66



5A657B

# Rectangle

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



7B5D64



786053



4A6B66



4A6A76



# Sweetspot

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



7B5D64



A19598



745D7B



524B4D



D1D1D1



525252



# Same Dimension

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



7B5D64



A1727D



7B655D



3D3739



7D001D



FC003B



# Inverse Universe

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



7B5D64



A1727D



5D737B



3D3739



7D001D

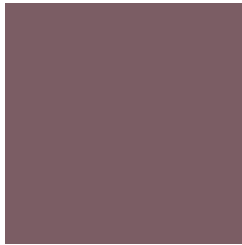


FC003B



# Previews

## White Background



This preview shows how the Hex color 7B5D64 looks on a white background.

## Color Contrast Check

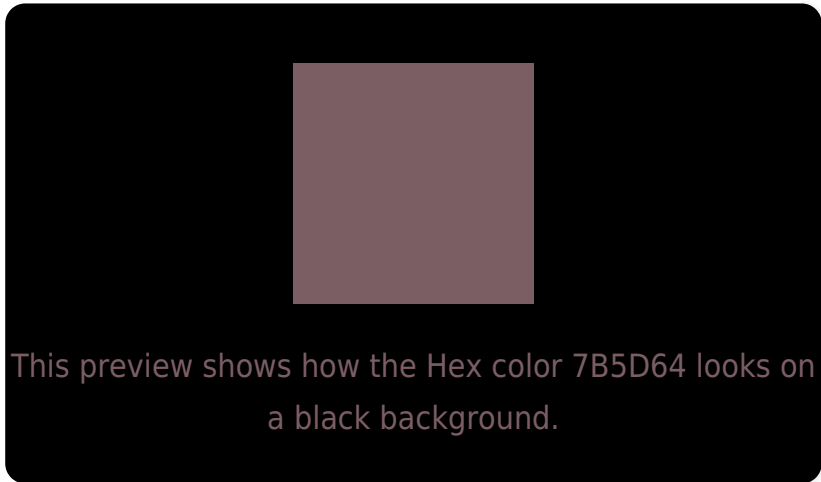
Large Text (above 18pt) WCAG AA ✓ Pass

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

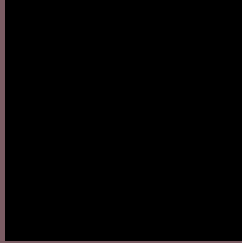
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B5D64 Background



This preview shows how black text looks on a background with the Hex color 7B5D64.



This preview shows how white text looks on a background with the Hex color 7B5D64.

# 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**

7B5D64

**Protanopia**

666468

**Deuteranopia**

6F6263



**Tritanopia**  
7B5D64

# Trichromacy



**Original Color**  
7B5D64

**Protanomaly**  
6E6167

**Deuteranomaly**  
736063

**Tritanomaly**  
7B5D64

# Monochromacy



**Original Color**  
7B5D64

**Achromatopsia**  
676767

**Achromatomaly**  
6E6366

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B5D64 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 #7B5D64 looks like.

```
.text, #text, p{  
    color:#7B5D64  
}
```

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 #7B5D64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5D64
}
```

## Border

The CSS property to change the border of an element to Hex 7B5D64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

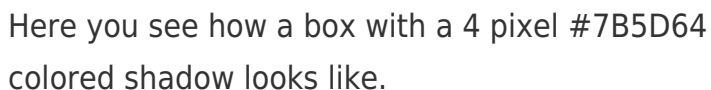
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B5D64 }
```

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

```
.border{ border-color:#7B5D64 }
```

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



Here you see how a box with a 4 pixel #7B5D64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5D64; -webkit-box-shadow:4px 4px  
4px 4px #7B5D64; box-shadow:4px 4px 4px  
4px #7B5D64 }
```

# Background

The CSS property to change the background color of an element to Hex 7B5D64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5D64 }
```

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

```
.background{ background-color:#7B5D64 }
```

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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