

# Converting Colors

Hex(7B7556)

Have a look what the booklet for  
Hex(7B7556) contains.

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**Color**

**Hex(7B7556)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B7556
RGB	123, 117, 86
RGB Percent	48%, 46%, 34%
CMY	0.5176, 0.5412, 0.6627
CMYK	0.00, 0.05, 0.30, 0.52
HSL	50°, 18%, 41%
HSV	50°, 30%, 48%
XYZ	16.2094, 17.6054, 11.3480
YIQ	115.2600, 13.5270, -8.3690

# Conversions

## Conversions Part 2

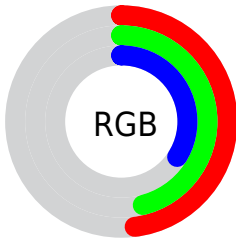
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 123, 86
Decimal	8090966
CIE <sub>Lab</sub>	49.01, -2.96, 17.97
CIE <sub>LCh</sub>	49, 18.214, 99.341
Yxy	17.6054, 0.3589, 0.3898
Android (android.graphics.Color)	4286281046 (0xFF7B7556)
YUV	115.2600, -14.4252, 6.7880
Hunter-Lab	41.9588, -4.4704, 13.3359

# Details

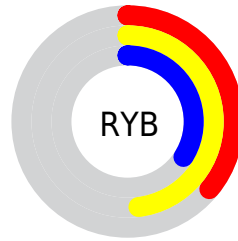
The Hex color **7B7556** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **565C7B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B0A988**, and **4A4528** is the 20% darker color. If you saturate the color by 10%, you get **7B734A**, and if you desaturate by 10%, it is **7B7762**.

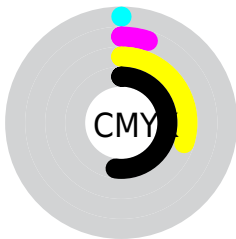
# Distribution



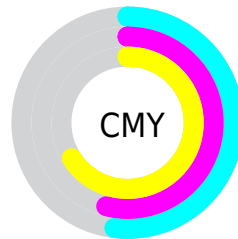
- Red (48%)
- Green (46%)
- Blue (34%)



- Red (36%)
- Yellow (48%)
- Blue (34%)



- Cyan (0%)
- Magenta (5%)
- Yellow (30%)
- Black (52%)



- Cyan (52%)
- Magenta (54%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B7556 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 7B7556 by changing the saturation by 10% instead.





7B7556



7B7556

FFFFFF



625C3F



B0A988



4A4528



CCC4A2



322F13



E8E0BD



1E1A00



FFFD9



000000



FFFF6



7B7556



7B7556



7B734A



7B7762



7B713D



7B796F

 7B6F31

 7B7B7B

 7B6D25

 7B7D87

 7B6B19

 7B7F94

 7B690C

 7B81A0

 7B6700

 7B83AC

 7B85B8

 7B87C5

# Harmonies

## Analogous

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



897058



7B7556



6A795C

# Triad

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



7B7556



487C87



8C6B80

# Complementary

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



7B7556



565C7B

# 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.



7D6F8C



7B7556



547991

# Square

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



7B7556



4B7D79



687493



946970

# Rectangle

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



7B7556



5E7C64



687493



886C84



# Sweetspot

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



7B7556



A19E92



7B565C



525049



D1D1D1



525252



# Same Dimension

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



7B7556



A19767



6F7B56



3D3C37



7D6900



FCD400



# Inverse Universe

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



565C7B



6770A1



62567B



37383D



00147D



0029FC



# Previews

## White Background



This preview shows how the Hex color 7B7556 looks on a white background.

## Color Contrast Check

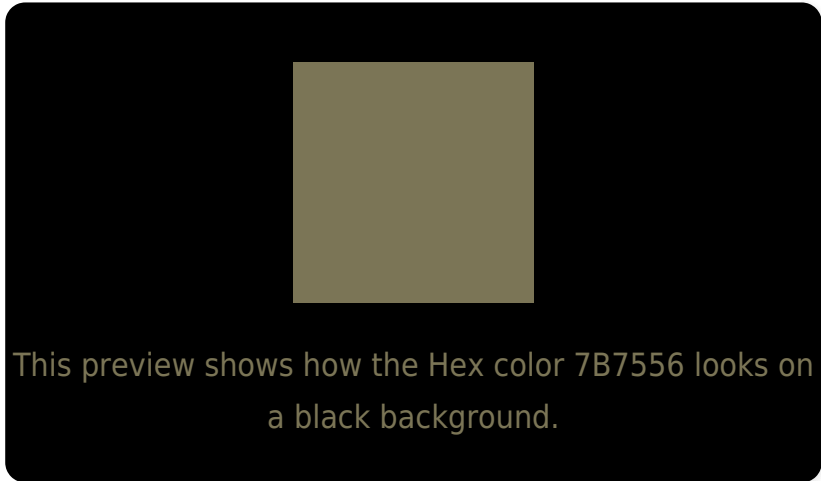
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

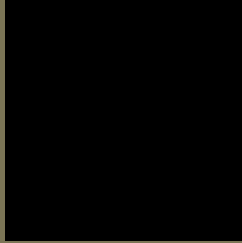
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7B7556 Background



This preview shows how black text looks on a background with the Hex color 7B7556.



This preview shows how white text looks on a background with the Hex color 7B7556.

# 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**  
7B7556

**Protanopia**  
7D7456

**Deuteranopia**  
897057



**Tritanopia**  
7F7079

# Trichromacy



**Original Color**  
7B7556

**Protanomaly**  
7C7456

**Deuteranomaly**  
847257

**Tritanomaly**  
7E726C

# Monochromacy



**Original Color**  
7B7556

**Achromatopsia**  
737373

**Achromatomaly**  
767468

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B7556 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 #7B7556 looks like.

```
.text, #text, p{  
    color:#7B7556  
}
```

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 #7B7556 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7556
}
```

## Border

The CSS property to change the border of an element to Hex 7B7556 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
#7B7556 }
```

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

```
.border{ border-color:#7B7556 }
```

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

Here you see how a box with a 4 pixel #7B7556 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7556; -webkit-box-shadow:4px 4px  
4px 4px #7B7556; box-shadow:4px 4px 4px  
4px #7B7556 }
```

# Background

The CSS property to change the background color of an element to Hex 7B7556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7556 }
```

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

```
.background{ background-color:#7B7556 }
```

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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