

# Converting Colors

Hex(7B7156)

Have a look what the booklet for  
Hex(7B7156) contains.

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**Color**

**Hex(7B7156)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B7156
RGB	123, 113, 86
RGB Percent	48%, 44%, 34%
CMY	0.5176, 0.5569, 0.6627
CMYK	0.00, 0.08, 0.30, 0.52
HSL	44°, 18%, 41%
HSV	44°, 30%, 48%
XYZ	15.7532, 16.6931, 11.1959
YIQ	112.9120, 14.6270, -6.2770

# Conversions

## Conversions Part 2

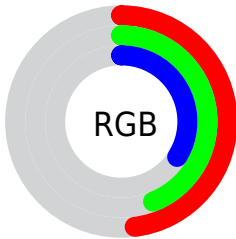
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 123, 86
Decimal	8089942
CIELab	47.87, -0.66, 16.42
CIElCh	48, 16.438, 92.285
Yxy	16.6931, 0.3610, 0.3825
Android (android.graphics.Color)	4286280022 (0xFF7B7156)
YUV	112.9120, -13.2676, 8.8472
Hunter-Lab	40.8572, -2.6762, 12.3531

# Details

The Hex color **7B7156** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **56607B**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B0A588**, and **4A4128** is the 20% darker color. If you saturate the color by 10%, you get **7B6E4A**, and if you desaturate by 10%, it is **7B7462**.

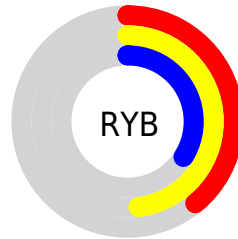
# Distribution



Red (48%)

Green (44%)

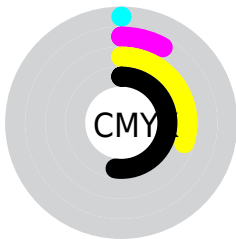
Blue (34%)



Red (39%)

Yellow (48%)

Blue (34%)

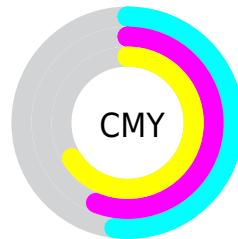


Cyan (0%)

Magenta (8%)

Yellow (30%)

Black (52%)



Cyan (52%)

Magenta (56%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B7156 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 7B7156 by changing the saturation by 10% instead.





7B7156



7B7156

FFFFFF



62593F



B0A588



4A4128



CCC0A2



322B14



E8DCBD



1E1700



FFF8D9



000000



FFFFF6



7B7156



7B7156



7B6E4A



7B7462



7B6A3D



7B786F

 7B6731

 7B7B7B

 7B6425

 7B7E87

 7B6019

 7B8294

 7B5D0C

 7B85A0

 7B5A00

 7B88AC

 7B8CB8

 7B8FC5

# Harmonies

## Analogous

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



876C5A



7B7156



6C755A

# Triad

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



7B7156



4B7980



846A7F

# Complementary

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



7B7156



56607B

# 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.



756E89



7B7156



52768A

# Square

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



7B7156



4F7A72



63728D



8D6871

# Rectangle

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



7B7156



617760



63728D



806B83



# Sweetspot

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



7B7156



A19D92



7B5660



524F49



D1D1D1



525252



# Same Dimension

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



7B7156



A19167



737B56



3D3C37



7D5B00



FCB800



# Inverse Universe

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



56607B



6776A1



5E567B



37393D



00227D



0044FC



# Previews

## White Background



This preview shows how the Hex color 7B7156 looks on a white background.

## Color Contrast Check

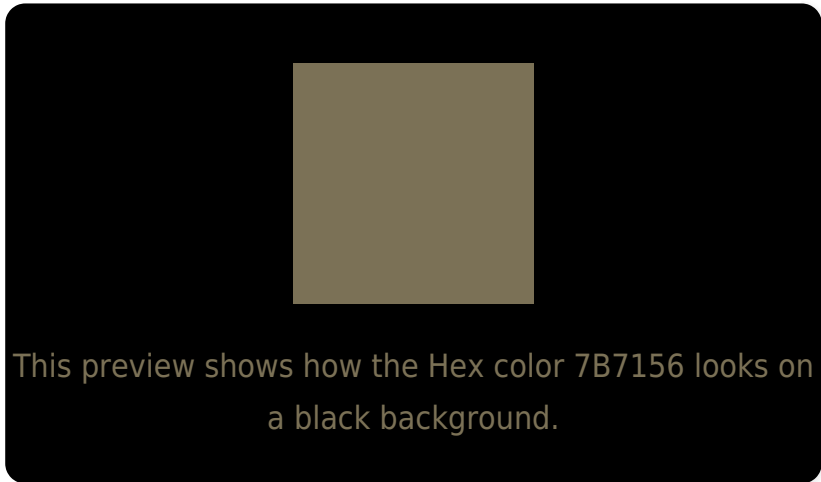
Large Text (above 18pt) WCAG AA ✓ Pass

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

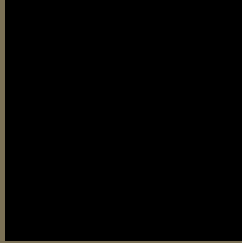
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B7156 Background



This preview shows how black text looks on a background with the Hex color 7B7156.



This preview shows how white text looks on a background with the Hex color 7B7156.

# 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**  
7B7156

**Protanopia**  
7A7156

**Deuteranopia**  
866D57



**Tritanopia**  
7F6D75

# Trichromacy



**Original Color**

7B7156

**Protanomaly**

7A7156

**Deuteranomaly**

826E57

**Tritanomaly**

7E6E6A

# Monochromacy



**Original Color**

7B7156

**Achromatopsia**

717171

**Achromatomaly**

757167

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B7156 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 #7B7156 looks like.

```
.text, #text, p{  
    color:#7B7156  
}
```

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 #7B7156 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7156
}
```

## Border

The CSS property to change the border of an element to Hex 7B7156 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
#7B7156 }
```

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

```
.border{ border-color:#7B7156 }
```

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

Here you see how a box with a 4 pixel #7B7156 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7156; -webkit-box-shadow:4px 4px  
4px 4px #7B7156; box-shadow:4px 4px 4px  
4px #7B7156 }
```

# Background

The CSS property to change the background color of an element to Hex 7B7156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7156 }
```

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

```
.background{ background-color:#7B7156 }
```

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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