

# Converting Colors

Hex(7A7957)

Have a look what the booklet for  
Hex(7A7957) contains.

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**Color**

**Hex(7A7957)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A7957
RGB	122, 121, 87
RGB Percent	48%, 47%, 34%
CMY	0.5216, 0.5255, 0.6588
CMYK	0.00, 0.01, 0.29, 0.52
HSL	58°, 17%, 41%
HSV	58°, 29%, 48%
XYZ	16.5837, 18.5004, 11.7137
YIQ	117.4230, 11.5100, -10.3620

# Conversions

## Conversions Part 2

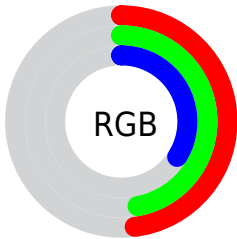
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 122, 87
Decimal	8026455
CIE <sub>Lab</sub>	50.10, -5.51, 18.84
CIE <sub>LCh</sub>	50, 19.629, 106.298
Yxy	18.5004, 0.3544, 0.3953
Android (android.graphics.Color)	4286216535 (0xFF7A7957)
YUV	117.4230, -14.9985, 4.0140
Hunter-Lab	43.0121, -6.4490, 13.9618

# Details

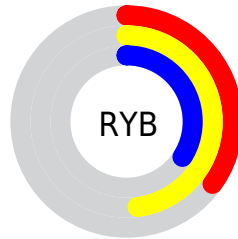
The Hex color **7A7957** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **57587A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **AFAD89**, and **494929** is the 20% darker color. If you saturate the color by 10%, you get **7A794B**, and if you desaturate by 10%, it is **7A7963**.

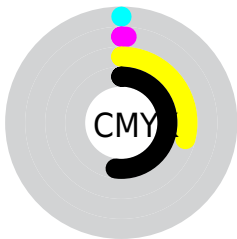
# Distribution



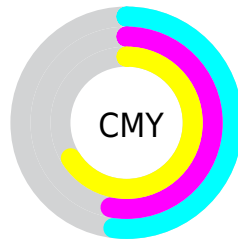
- Red (48%)
- Green (47%)
- Blue (34%)



- Red (35%)
- Yellow (48%)
- Blue (34%)



- Cyan (0%)
- Magenta (1%)
- Yellow (29%)
- Black (52%)



- Cyan (52%)
- Magenta (53%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A7957 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 7A7957 by changing the saturation by 10% instead.





7A7957



7A7957

FFFFFF



61603F



AFAD89



494929



CAC9A3



323214



E7E5BF



1E1D00



FFFFDA



000100



FFFFF7



000000



7A7957



7A7957



7A794B



7A7963



7A783F



7A7A6F

 7A7832

 7A7A7C

 7A7826

 7A7A88

 7A771A

 7A7B94

 7A770E

 7A7BA0

 7A7702

 7A7BAC

 7A7700

 7A7CB9

 7A7CC5

# Harmonies

## Analogous

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



8A7357



7A7957



677D60

# Triad

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



7A7957



487F8F



946C80

# Complementary

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



7A7957



57587A

# 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.



85708E



7A7957



587B97

# Square

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



7A7957



488180



6F7697



996B6F

# Rectangle

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



7A7957



5A7F69



6F7697



906D85



# Sweetspot

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



7A7957



9E9E90



7A5758



4F4F46



CFCFCF



4F4F4F



# Same Dimension

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



7A7957



9E9D68



6A7A57



3D3D37



7D7900



FCF500



# Inverse Universe

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



57587A



686A9E



67577A



37373D



00047D



0007FC



# Previews

## White Background



This preview shows how the Hex color 7A7957 looks on a white background.

## Color Contrast Check

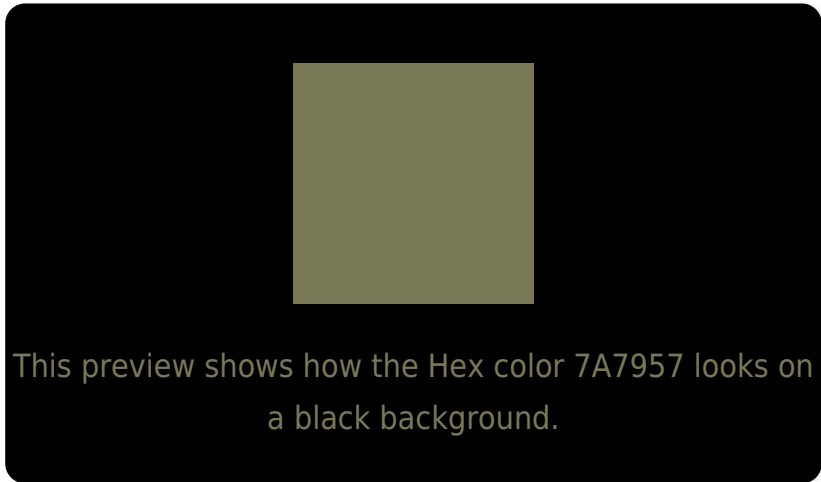
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

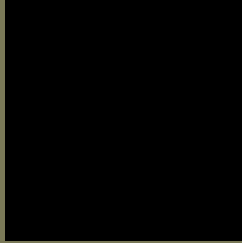
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

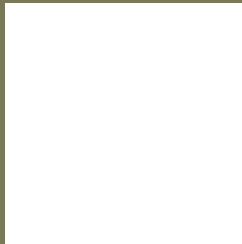
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A7957 Background



This preview shows how black text looks on a background with the Hex color 7A7957.



This preview shows how white text looks on a background with the Hex color 7A7957.

# 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**

7A7957

**Protanopia**

807756

**Deuteranopia**

8D7258



**Tritanopia**  
7F747D

# Trichromacy



**Original Color**

7A7957

**Protanomaly**

7E7856

**Deuteranomaly**

867558

**Tritanomaly**

7D766F

# Monochromacy



**Original Color**

7A7957

**Achromatopsia**

757575

**Achromatomaly**

77766A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A7957 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 #7A7957 looks like.

```
.text, #text, p{  
    color:#7A7957  
}
```

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 #7A7957 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7957
}
```

## Border

The CSS property to change the border of an element to Hex 7A7957 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
#7A7957 }
```

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

```
.border{ border-color:#7A7957 }
```

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

Here you see how a box with a 4 pixel #7A7957 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7957; -webkit-box-shadow:4px 4px  
4px 4px #7A7957; box-shadow:4px 4px 4px  
4px #7A7957 }
```

# Background

The CSS property to change the background color of an element to Hex 7A7957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7957 }
```

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

```
.background{ background-color:#7A7957 }
```

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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