

# Converting Colors

Hex(7F7955)

Have a look what the booklet for  
Hex(7F7955) contains.

|                                                |    |
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**Color**

**Hex(7F7955)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 7F7955                     |
| RGB           | 127, 121, 85               |
| RGB Percent   | 50%, 47%, 33%              |
| CMY           | 0.5020, 0.5255, 0.6667     |
| CMYK          | 0.00, 0.05, 0.33, 0.50     |
| HSL           | 51°, 20%, 42%              |
| HSV           | 51°, 33%, 50%              |
| XYZ           | 17.2295, 18.8426, 11.3232  |
| YIQ           | 118.6900, 15.1320, -9.9240 |

# Conversions

## Conversions Part 2

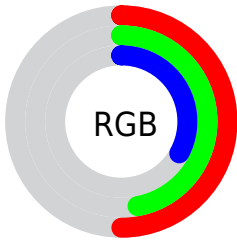
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 92, 127, 85                   |
| Decimal                             | 8354133                       |
| CIELab                              | 50.50, -3.67, 20.61           |
| CIElCh                              | 51, 20.933, 100.109           |
| Yxy                                 | 18.8426, 0.3635,<br>0.3976    |
| Android<br>(android.graphics.Color) | 4286544213<br>(0xFF7F7955)    |
| YUV                                 | 118.6900, -16.6092,<br>7.2879 |
| Hunter-Lab                          | 43.4081, -5.1144,<br>14.9196  |

# Details

The Hex color **7F7955** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **555B7F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B4AD87**, and **4D4927** is the 20% darker color. If you saturate the color by 10%, you get **7F7748**, and if you desaturate by 10%, it is **7F7B62**.

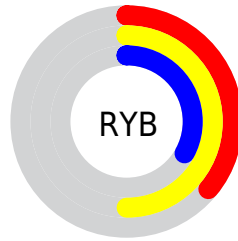
# Distribution



Red (50%)

Green (47%)

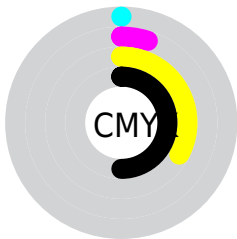
Blue (33%)



Red (36%)

Yellow (50%)

Blue (33%)

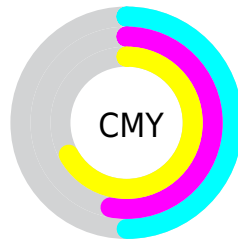


Cyan (0%)

Magenta (5%)

Yellow (33%)

Black (50%)



Cyan (50%)

Magenta (53%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F7955 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 7F7955 by changing the saturation by 10% instead.





7F7955



7F7955

FFFFFF



66603E



B4AD87



4D4927



D0C9A1



363212



EDE5BC



211D00



FFFFD8



000300



FFFFF5



000000



7F7955



7F7955



7F7748



7F7B62



7F753C



7F7D6E

 7F742F

 7F7E7B

 7F7222

 7F8088

 7F7015

 7F8294

 7F6E09

 7F84A1

 7F6D00

 7F86AE

 7F88BB

 7F89C7

# Harmonies

## Analogous

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



907357



7F7955



6B7E5D

# Triad

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



7F7955



43818F



946D85

# Complementary

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



7F7955



555B7F

# 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.



837294



7F7955



527D99

# Square

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



7F7955



46827E



6A789B



9C6B73

# Rectangle

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



7F7955



5D8066



6A789B



8F6E8A



# Sweetspot

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



7F7955



A6A395



7F555B



54534A



D4D4D4



545454



# Same Dimension

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



7F7955



A69C63



707F55



403F39



806D00



000000



# Inverse Universe

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



555B7F



636DA6



64557F



393A40



001280



000000



# Previews

## White Background



This preview shows how the Hex color 7F7955 looks on a white background.

## Color Contrast Check

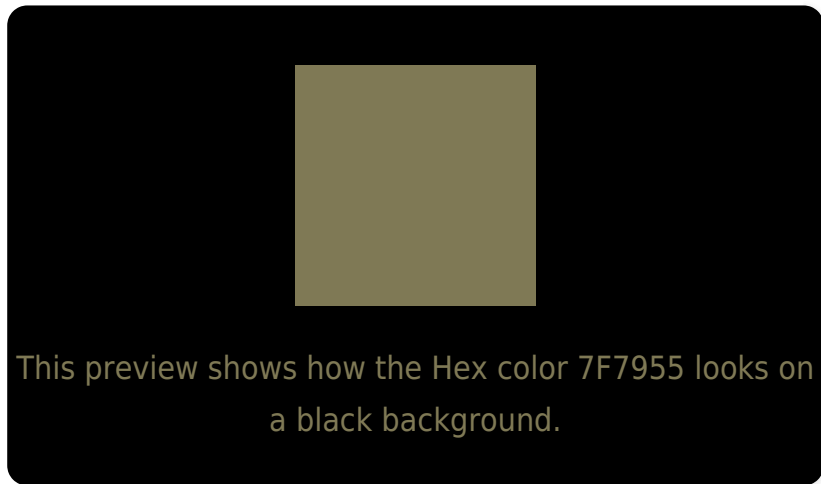
Large Text (above 18pt) WCAG AA ✓ Pass

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

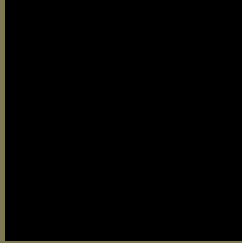
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7F7955 Background



This preview shows how black text looks on a background with the Hex color 7F7955.



This preview shows how white text looks on a background with the Hex color 7F7955.

# 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**  
7F7955

**Protanopia**  
827855

**Deuteranopia**  
8F7356



**Tritanopia**  
84747D

# Trichromacy



**Original Color**  
7F7955

**Protanomaly**  
817855

**Deuteranomaly**  
897556

**Tritanomaly**  
82766E

# Monochromacy



**Original Color**  
7F7955

**Achromatopsia**  
777777

**Achromatomaly**  
7A786B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F7955 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 #7F7955 looks like.

```
.text, #text, p{  
    color:#7F7955  
}
```

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 #7F7955 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7955
}
```

## Border

The CSS property to change the border of an element to Hex 7F7955 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
#7F7955 }
```

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

```
.border{ border-color:#7F7955 }
```

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

Here you see how a box with a 4 pixel #7F7955 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7955; -webkit-box-shadow:4px 4px  
4px 4px #7F7955; box-shadow:4px 4px 4px  
4px #7F7955 }
```

# Background

The CSS property to change the background color of an element to Hex 7F7955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7955 }
```

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

```
.background{ background-color:#7F7955 }
```

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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