

# Converting Colors

Hex(7F7D68)

Have a look what the booklet for  
Hex(7F7D68) contains.

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# Color

Hex(7F7D68)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F7D68
RGB	127, 125, 104
RGB Percent	50%, 49%, 41%
CMY	0.5020, 0.5098, 0.5922
CMYK	0.00, 0.02, 0.18, 0.50
HSL	55°, 10%, 45%
HSV	55°, 18%, 50%
XYZ	18.5847, 20.1787, 16.0121
YIQ	123.2040, 7.9330, -6.1070

# Conversions

## Conversions Part 2

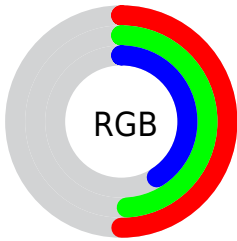
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 127, 104
Decimal	8355176
CIE <sub>Lab</sub>	52.04, -3.06, 11.74
CIE <sub>LCh</sub>	52, 12.134, 104.618
Yxy	20.1787, 0.3393, 0.3684
Android (android.graphics.Color)	4286545256 (0xFF7F7D68)
YUV	123.2040, -9.4676, 3.3291
Hunter-Lab	44.9207, -4.7619, 10.3105

# Details

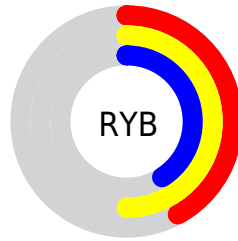
The Hex color **7F7D68** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **686A7F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B4B29B**, and **4E4C39** is the 20% darker color. If you saturate the color by 10%, you get **7F7C5B**, and if you desaturate by 10%, it is **7F7E75**.

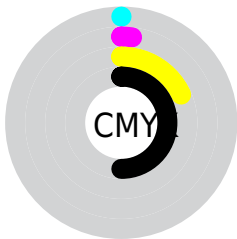
# Distribution



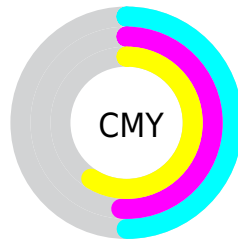
- Red (50%)
- Green (49%)
- Blue (41%)



- Red (42%)
- Yellow (50%)
- Blue (41%)



- Cyan (0%)
- Magenta (2%)
- Yellow (18%)
- Black (50%)



- Cyan (50%)
- Magenta (51%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F7D68 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 7F7D68 by changing the saturation by 10% instead.



 7F7D68

 7F7D68

FFFFFF

 666450

 B4B29B

 4E4C39

 CFCDB6

 373623

 ECE9D2

 21200E

 FFFFEE

 030900

 000000

 7F7D68

 7F7D68

 7F7C5B

 7F7E75

 7F7B4F

 7F7F81

 7F7A42

 7F808E

 7F7935

 7F819B

 7F7729

 7F83A8

 7F761C

 7F84B4

 7F750F

 7F85C1

 7F7402

 7F86CE

 7F7400

 7F87DA

# Harmonies

## Analogous

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



897A68



7F7D68



73806D

# Triad

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



7F7D68



62818A



8E7582

# Complementary

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



7F7D68



686A7F

# 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.



84788B



7F7D68



6A7F90

# Square

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



7F7D68



628281



777B90



927577

# Rectangle

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



7F7D68



6C8173



777B90



8B7685



# Sweetspot

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



7F7D68



A6A59D



7F686A



54544F



D4D4D4



545454



# Same Dimension

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



7F7D68



A6A381



767F68



403F39



807400



000000



# Inverse Universe

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



686A7F



8184A6



71687F



393A40



000B80



000000



# Previews

## White Background



This preview shows how the Hex color 7F7D68 looks on a white background.

## Color Contrast Check

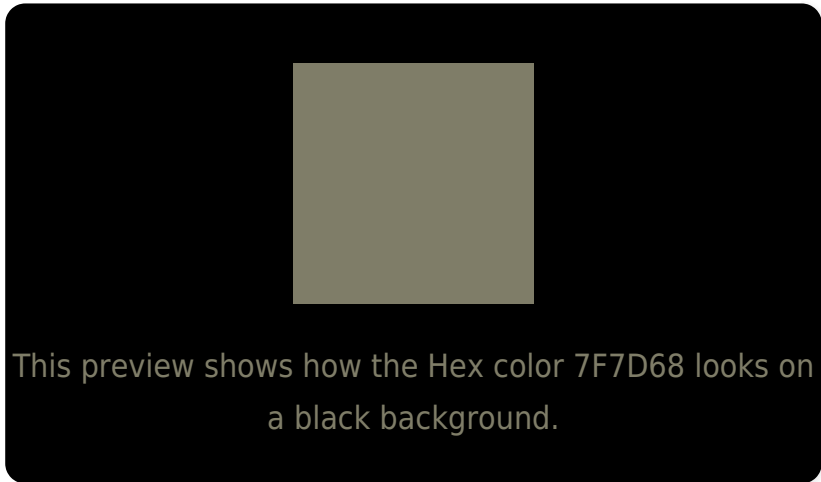
Large Text (above 18pt) WCAG AA ✓ Pass

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

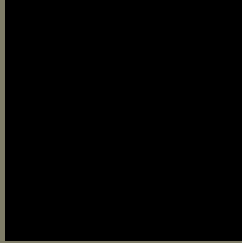
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7F7D68 Background



This preview shows how black text looks on a background with the Hex color 7F7D68.



This preview shows how white text looks on a background with the Hex color 7F7D68.

# 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**  
7F7D68

**Protanopia**  
837C67

**Deuteranopia**  
8F7769



**Tritanopia**  
837983

# Trichromacy



**Original Color**  
7F7D68

**Protanomaly**  
827C67

**Deuteranomaly**  
897969

**Tritanomaly**  
827A79

# Monochromacy



**Original Color**  
7F7D68

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7C7C74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F7D68 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 #7F7D68 looks like.

```
.text, #text, p{  
    color:#7F7D68  
}
```

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 #7F7D68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7D68
}
```

## Border

The CSS property to change the border of an element to Hex 7F7D68 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
#7F7D68 }
```

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

```
.border{ border-color:#7F7D68 }
```

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

Here you see how a box with a 4 pixel #7F7D68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7D68; -webkit-box-shadow:4px 4px  
4px 4px #7F7D68; box-shadow:4px 4px 4px  
4px #7F7D68 }
```

# Background

The CSS property to change the background color of an element to Hex 7F7D68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7D68 }
```

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

```
.background{ background-color:#7F7D68 }
```

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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