

# Converting Colors

Hex(7F8067)

Have a look what the booklet for  
Hex(7F8067) contains.

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# Color

**Hex(7F8067)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F8067
RGB	127, 128, 103
RGB Percent	50%, 50%, 40%
CMY	0.5020, 0.4980, 0.5961
CMYK	0.01, 0.00, 0.20, 0.50
HSL	62°, 11%, 45%
HSV	62°, 20%, 50%
XYZ	18.9197, 20.9296, 15.8746
YIQ	124.8510, 7.4290, -7.9870

# Conversions

## Conversions Part 2

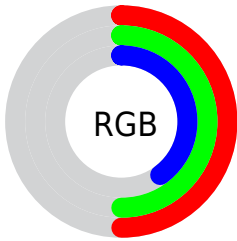
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 128, 104
Decimal	8355943
CIELab	52.87, -4.92, 13.48
CIElCh	53, 14.353, 110.058
Yxy	20.9296, 0.3395, 0.3756
Android (android.graphics.Color)	4286546023 (0xFF7F8067)
YUV	124.8510, -10.7725, 1.8847
Hunter-Lab	45.7489, -6.2408, 11.4510

# Details

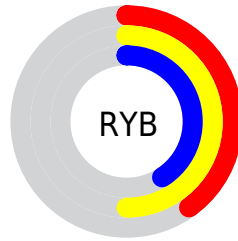
The Hex color **7F8067** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **686780**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B4B59A**, and **4E4F38** is the 20% darker color. If you saturate the color by 10%, you get **7E805A**, and if you desaturate by 10%, it is **808074**.

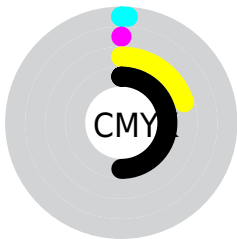
# Distribution



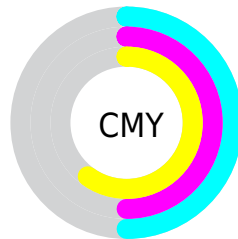
- Red (50%)
- Green (50%)
- Blue (40%)



- Red (40%)
- Yellow (50%)
- Blue (41%)



- Cyan (1%)
- Magenta (0%)
- Yellow (20%)
- Black (50%)



- Cyan (50%)
- Magenta (50%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F8067 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 7F8067 by changing the saturation by 10% instead.



7F8067

7F8067

FFFFFF

66674F

B4B59A

4E4F38

D0D0B5

373822

ECEDD1

21230D

FFFFED

030D00

000000

7F8067

7F8067


7E805A

808074

7E804D

808081

 7D8041

 81808D

 7D8034

 81809A

 7C8027

 8280A7

 7C801A

 8280B4

 7B800D

 8380C1

 7B8001

 8380CD

 7B8000

 8480DA

# Harmonies

## Analogous

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



8C7C66



7F8067



71836E

# Triad

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



7F8067



608491



957683

# Complementary

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



7F8067



686780

# 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.



8A788E



7F8067



6B8196

# Square

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



7F8067



5D8586



7B7C95



987676

# Rectangle

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



7F8067



688575



7B7C95



927787



# Sweetspot

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



7F8067



A5A69C



806867



54544E



D4D4D4



545454



# Same Dimension

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



7F8067



A4A680



738067



3F4039



7A8000



000000



# Inverse Universe

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



686780



8180A6



746780



3A3940



050080



000000



# Previews

## White Background



This preview shows how the Hex color 7F8067 looks on a white background.

## Color Contrast Check

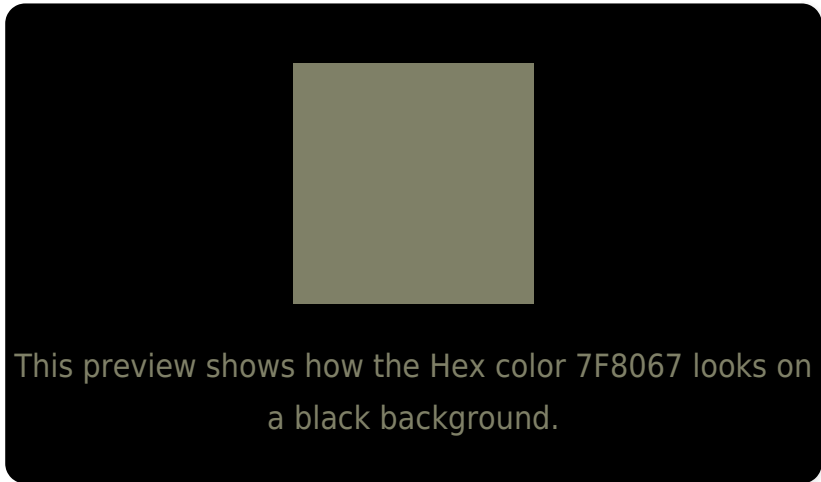
Large Text (above 18pt) WCAG AA ✓ Pass

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

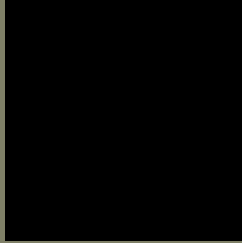
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

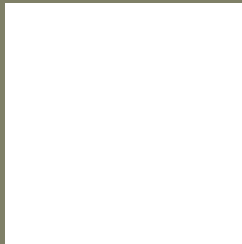
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F8067 Background



This preview shows how black text looks on a background with the Hex color 7F8067.



This preview shows how white text looks on a background with the Hex color 7F8067.

# 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**  
7F8067

**Protanopia**  
867E66

**Deuteranopia**  
927968



**Tritanopia**  
837C86

# Trichromacy



**Original Color**  
7F8067

**Protanomaly**  
837F66

**Deuteranomaly**  
8B7C68

**Tritanomaly**  
827D7B

# Monochromacy



**Original Color**  
7F8067

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
7E7E75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F8067 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 #7F8067 looks like.

```
.text, #text, p{  
    color:#7F8067  
}
```

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 #7F8067 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F8067
}
```

## Border

The CSS property to change the border of an element to Hex 7F8067 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
#7F8067 }
```

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

```
.border{ border-color:#7F8067 }
```

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

Here you see how a box with a 4 pixel #7F8067 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F8067; -webkit-box-shadow:4px 4px  
4px 4px #7F8067; box-shadow:4px 4px 4px  
4px #7F8067 }
```

# Background

The CSS property to change the background color of an element to Hex 7F8067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F8067 }
```

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

```
.background{ background-color:#7F8067 }
```

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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