

# Converting Colors

Hex(788E67)

Have a look what the booklet for  
Hex(788E67) contains.

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**Color**

**Hex(788E67)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	788E67
RGB	120, 142, 103
RGB Percent	47%, 56%, 40%
CMY	0.5294, 0.4431, 0.5961
CMYK	0.15, 0.00, 0.27, 0.44
HSL	94°, 16%, 48%
HSV	94°, 27%, 56%
XYZ	19.8669, 24.3183, 16.4788
YIQ	130.9760, -0.5930, -16.7930

# Conversions

## Conversions Part 2

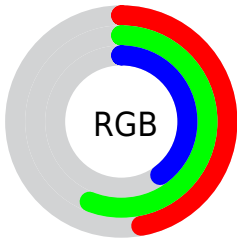
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 142, 125
Decimal	7900775
CIELab	56.41, -15.36, 18.25
CIELCh	56, 23.855, 130.074
Yxy	24.3183, 0.3275, 0.4009
Android (android.graphics.Color)	4286090855 (0xFF788E67)
YUV	130.9760, -13.7922, -9.6260
Hunter-Lab	49.3136, -14.3868, 14.7070

# Details

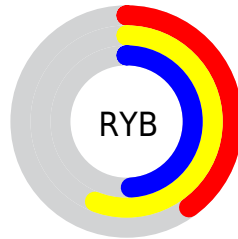
The Hex color **788E67** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7D678E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **ADC49A**, and **475C38** is the 20% darker color. If you saturate the color by 10%, you get **708E59**, and if you desaturate by 10%, it is **808E75**.

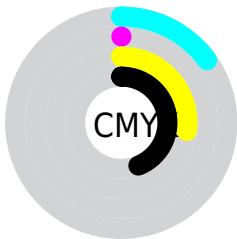
# Distribution



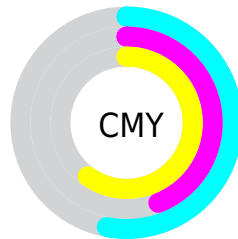
- Red (47%)
- Green (56%)
- Blue (40%)



- Red (40%)
- Yellow (56%)
- Blue (49%)



- Cyan (15%)
- Magenta (0%)
- Yellow (27%)
- Black (44%)



- Cyan (53%)
- Magenta (44%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 788E67 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 788E67 by changing the saturation by 10% instead.





788E67



788E67

FFFFFF



5F744F



ADC49A



475C38



C8E0B5



304422



E4FCD1



1A2E0C



FFFFED



001A00



000000



788E67



788E67



708E59



808E75



688E4B



888E83

608E3C

908E92

588E2E

988EA0

508E20

A08EAE

488E12

A88EBC

408E04

B08ECA

3E8E00

B88ED9

C08EE7

# Harmonies

## Analogous

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



8F885E



788E67



609278

# Triad

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



788E67



5A8DAE



B17881

# Complementary

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



788E67



7D678E

# 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.



A87A96



788E67



7787B0

# Square

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



788E67



4891A1



9380A7



AE7B6E

# Rectangle

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



788E67



529387



9380A7



AF7888



# Sweetspot

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



788E67



AFB8A9



8E7C67



575C53



DBDBDB



5C5C5C



# Same Dimension

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



788E67



95B87B



678E69



434740



3B8700



030800



# Inverse Universe

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



7D678E



9D7BB8



8E678C



444047



4C0087

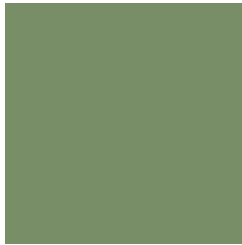


040008



# Previews

## White Background



This preview shows how the Hex color 788E67 looks on a white background.

## Color Contrast Check

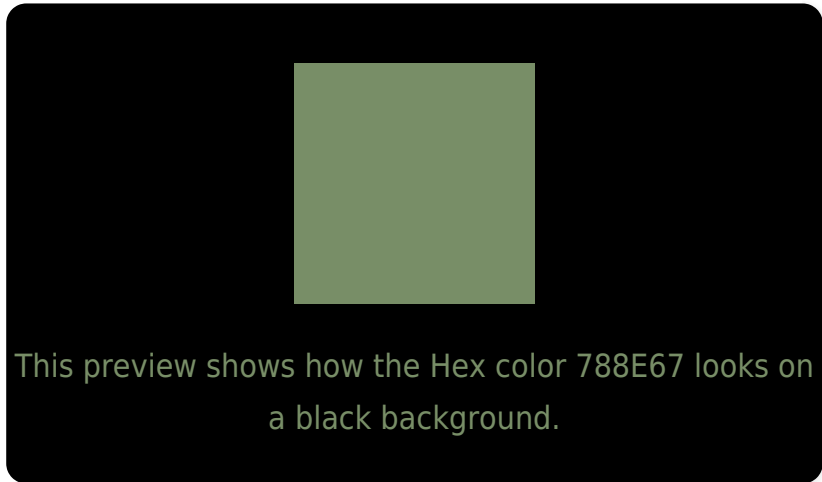
Large Text (above 18pt) WCAG AA ✓ Pass

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

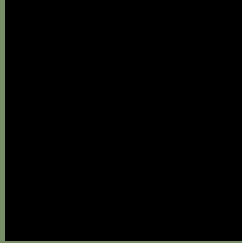
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 788E67 Background



This preview shows how black text looks on a background with the Hex color 788E67.



This preview shows how white text looks on a background with the Hex color 788E67.

# 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





**Tritanopia**  
7F8893

# Trichromacy



**Original Color**  
788E67

**Protanomaly**  
888A65

**Deuteranomaly**  
908669

**Tritanomaly**  
7C8A83

# Monochromacy



**Original Color**  
788E67

**Achromatopsia**  
838383

**Achromatomaly**  
7F8779

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 788E67 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 #788E67 looks like.

```
.text, #text, p{  
    color:#788E67  
}
```

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 #788E67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788E67  
}
```

## Border

The CSS property to change the border of an element to Hex 788E67 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  
#788E67 }
```

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

```
.border{ border-color:#788E67 }
```

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

Here you see how a box with a 4 pixel #788E67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788E67; -webkit-box-shadow:4px 4px  
4px 4px #788E67; box-shadow:4px 4px 4px  
4px #788E67 }
```

# Background

The CSS property to change the background color of an element to Hex 788E67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788E67 }
```

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

```
.background{ background-color:#788E67 }
```

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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