

# Converting Colors

Hex(788E55)

Have a look what the booklet for  
Hex(788E55) contains.

<b>Hex(788E55)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(788E55)**

# Conversions

## Conversions Part 1

Format	Color
Hex	788E55
RGB	120, 142, 85
RGB Percent	47%, 56%, 33%
CMY	0.5294, 0.4431, 0.6667
CMYK	0.15, 0.00, 0.40, 0.44
HSL	83°, 25%, 45%
HSV	83°, 40%, 56%
XYZ	19.0584, 23.9949, 12.2213
YIQ	128.9240, 5.1850, -22.3910

# Conversions

## Conversions Part 2

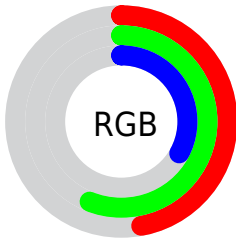
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 142, 107
Decimal	7900757
CIELab	56.08, -18.05, 27.81
CIElCh	56, 33.149, 122.988
Yxy	23.9949, 0.3448, 0.4341
Android (android.graphics.Color)	4286090837 (0xFF788E55)
YUV	128.9240, -21.6545, -7.8263
Hunter-Lab	48.9846, -16.2742, 19.4968

# Details

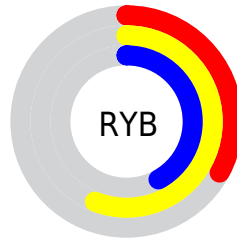
The Hex color **788E55** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6B558E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **ADC487**, and **465C26** is the 20% darker color. If you saturate the color by 10%, you get **738E47**, and if you desaturate by 10%, it is **7D8E63**.

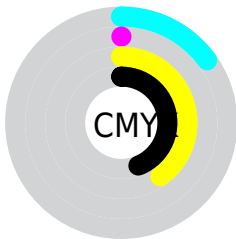
# Distribution



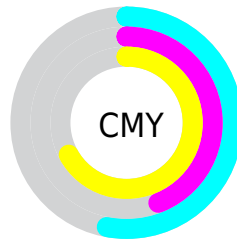
- Red (47%)
- Green (56%)
- Blue (33%)



- Red (33%)
- Yellow (56%)
- Blue (42%)



- Cyan (15%)
- Magenta (0%)
- Yellow (40%)
- Black (44%)



- Cyan (53%)
- Magenta (44%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 788E55 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 788E55 by changing the saturation by 10% instead.





788E55



788E55

FFFFFF



5F743D



ADC487



465C26



C9E0A2



2F4410



E5FCBD



1A2E00



FFFFD9



001B00



FFFFFF6



000000



788E55



788E55



738E47



7D8E63



6D8E39



838E71

 688E2A

 888E80

 628E1C

 8E8E8E

 5D8E0E

 938E9C

 578E00

 998EAA

 9E8EB8

 A48EC7

 A98ED5

# Harmonies

## Analogous

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



96864C



788E55



55936B

# Triad

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



788E55



2890B9



BD7085

# Complementary

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



788E55



6B558E

# 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.



AD74A1



788E55



6088C0

# Square

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



788E55



0095A5



8D7EB7



BC7369

# Rectangle

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



788E55



39957E



8D7EB7



B9708E



# Sweetspot

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



788E55



AFB8A2



8E6B55



575C4F



DBDBDB



5C5C5C



# Same Dimension

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



788E55



96B85F



5C8E55



454740



538700



050800



# Inverse Universe

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



6B558E



815FB8



87558E



434047



340087



030008



# Previews

## White Background



This preview shows how the Hex color 788E55 looks on a white background.

## Color Contrast Check

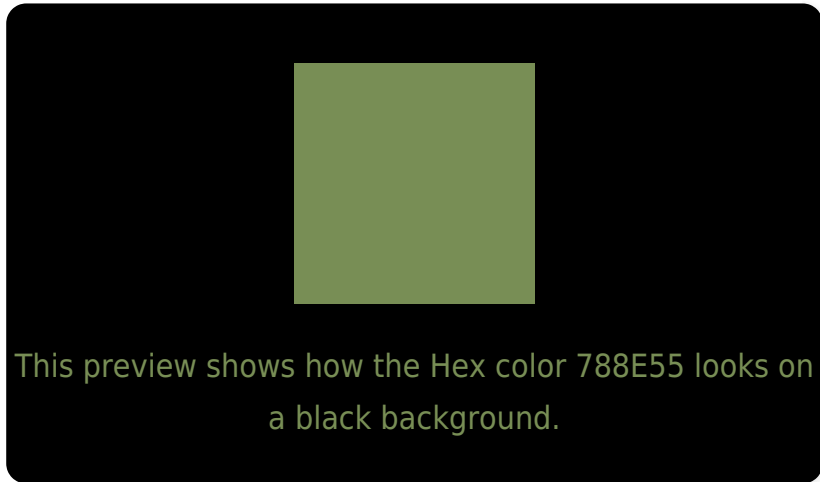
Large Text (above 18pt) WCAG AA ✓ Pass

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 788E55 Background



This preview shows how black text looks on a background with the Hex color 788E55.



This preview shows how white text looks on a background with the Hex color 788E55.

# 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



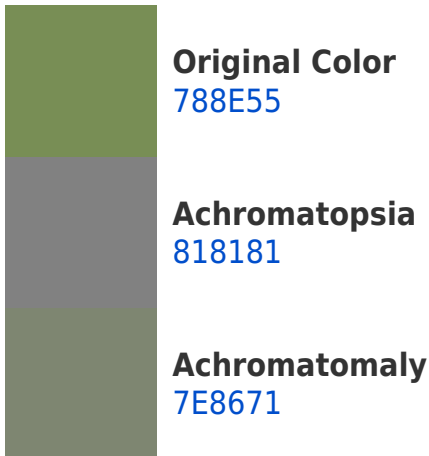


**Tritanopia**  
808791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 788E55 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 #788E55 looks like.

```
.text, #text, p{  
    color:#788E55  
}
```

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 #788E55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788E55
}
```

## Border

The CSS property to change the border of an element to Hex 788E55 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
#788E55 }
```

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

```
.border{ border-color:#788E55 }
```

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

Here you see how a box with a 4 pixel #788E55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788E55; -webkit-box-shadow:4px 4px  
4px 4px #788E55; box-shadow:4px 4px 4px  
4px #788E55 }
```

# Background

The CSS property to change the background color of an element to Hex 788E55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788E55 }
```

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

```
.background{ background-color:#788E55 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor