

Converting Colors

Hex(788A75)

Have a look what the booklet for
Hex(788A75) contains.

Hex(788A75)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(788A75)

Conversions

Conversions Part 1

Format	Color
Hex	788A75
RGB	120, 138, 117
RGB Percent	47%, 54%, 46%
CMY	0.5294, 0.4588, 0.5412
CMYK	0.13, 0.00, 0.15, 0.46
HSL	111°, 8%, 50%
HSV	111°, 15%, 54%
XYZ	20.0451, 23.4544, 20.3003
YIQ	130.2240, -3.9870, -10.3470

Conversions

Conversions Part 2

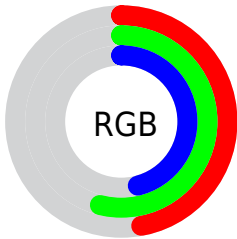
Format	Color
R_{YB}	117, 138, 135
Decimal	7899765
CIE _{Lab}	55.54, -10.73, 9.08
CIE _{LCh}	56, 14.061, 139.752
Yxy	23.4544, 0.3142, 0.3676
Android (android.graphics.Color)	4286089845 (0xFF788A75)
YUV	130.2240, -6.5194, -8.9664
Hunter-Lab	48.4297, -10.8708, 9.0482

Details

The Hex color **788A75** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **87758A**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **ACBFA9**, and **475845** is the 20% darker color. If you saturate the color by 10%, you get **6C8A67**, and if you desaturate by 10%, it is **848A83**.

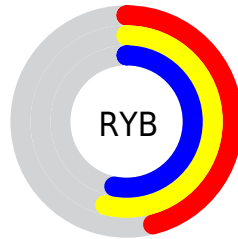
Distribution



Red (47%)

Green (54%)

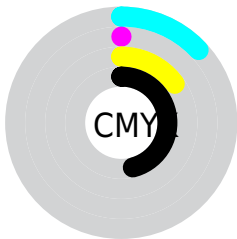
Blue (46%)



Red (46%)

Yellow (54%)

Blue (53%)

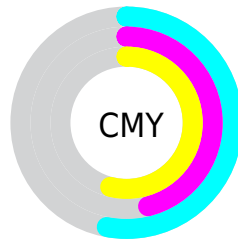


Cyan (13%)

Magenta (0%)

Yellow (15%)

Black (46%)



Cyan (53%)

Magenta (46%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 788A75 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 788A75 by changing the saturation by 10% instead.



788A75



788A75

FFFFFF



5F715C



ACBFA9



475845



C8DBC4



31412E



E4F8E0



1B2B1A

FFFFFFD



031700



000000



788A75



788A75



6C8A67



848A83



608A59



908A91

 558A4C


 9B8A9E

 498A3E

 A78AAC

 3D8A30

 B38ABA

 318A22

 BF8AC8

 258A14

 CB8AD6

 198A07

 D78AE3

 148A00

 E28AF1

Harmonies

Analogous

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



86876E



788A75



6C8C80

Triad

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



788A75



72879D



9F7D7D

Complementary

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



788A75



87758A

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.



9B7D8A



788A75



82839C

Square

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



788A75



678A97



917F95



9C7F73

Rectangle

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



788A75



668C89



917F95



9E7D81

Sweetspot

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



788A75



ABB3AA



8A8775



555954



D9D9D9



595959

Same Dimension

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



788A75



97B392



758A7C



3F453E



138500



010500

Inverse Universe

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



87758A



AE92B3



8A7583



443E45



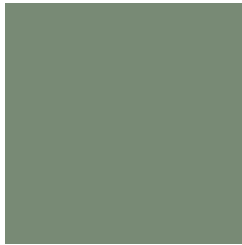
720085



040005

Previews

White Background



This preview shows how the Hex color 788A75 looks on a white background.

Color Contrast Check

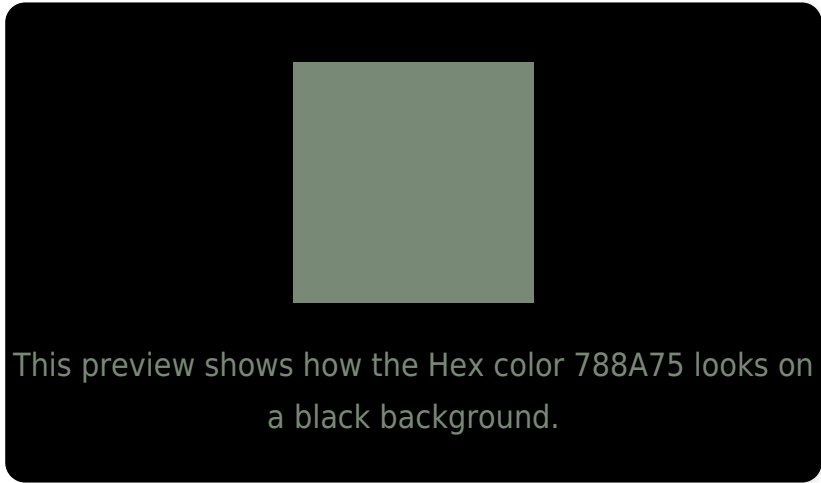
Large Text (above 18pt) WCAG AA ✓ Pass

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

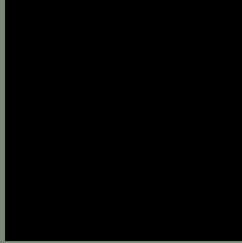
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

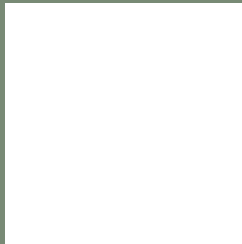
Any Text WCAG AAA × Fail

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

Hex 788A75 Background



This preview shows how black text looks on a background with the Hex color 788A75.

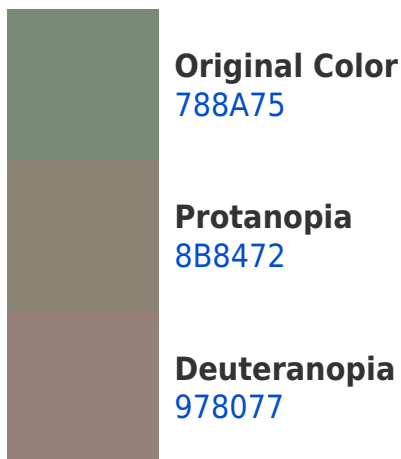


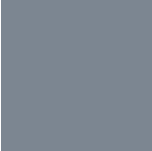
This preview shows how white text looks on a background with the Hex color 788A75.

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](#).

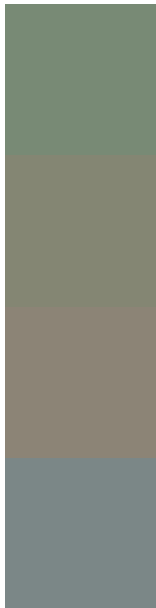
Dichromacy





Tritanopia
7C8691

Trichromacy



Original Color
788A75

Protanomaly
848673

Deuteranomaly
8C8476

Tritanomaly
7B8787

Monochromacy



Original Color
788A75

Achromatopsia
828282

Achromatomaly
7E857D

CSS Examples

Text

The CSS property to change the color of the text to Hex 788A75 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 #788A75 looks like.

```
.text, #text, p{  
    color:#788A75  
}
```

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 #788A75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788A75
}
```

Border

The CSS property to change the border of an element to Hex 788A75 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
#788A75 }
```

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

```
.border{ border-color:#788A75 }
```

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

Here you see how a box with a 4 pixel #788A75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788A75; -webkit-box-shadow:4px 4px  
4px 4px #788A75; box-shadow:4px 4px 4px  
4px #788A75 }
```

Background

The CSS property to change the background color of an element to Hex 788A75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788A75 }
```

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

```
.background{ background-color:#788A75 }
```

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