

Converting Colors

Hex(788B49)

Have a look what the booklet for
Hex(788B49) contains.

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Color

Hex(788B49)

Conversions

Conversions Part 1

Format	Color
Hex	788B49
RGB	120, 139, 73
RGB Percent	47%, 55%, 29%
CMY	0.5294, 0.4549, 0.7137
CMYK	0.14, 0.00, 0.47, 0.45
HSL	77°, 31%, 42%
HSV	77°, 47%, 55%
XYZ	18.1809, 22.9393, 9.7728
YIQ	125.7950, 9.8620, -24.5540

Conversions

Conversions Part 2

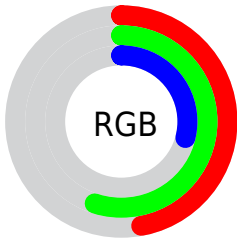
Format	Color
RYB	73, 139, 92
Decimal	7899977
CIELab	55.01, -17.99, 32.88
CIElCh	55, 37.481, 118.677
Yxy	22.9393, 0.3572, 0.4507
Android (android.graphics.Color)	4286090057 (0xFF788B49)
YUV	125.7950, -26.0279, -5.0822
Hunter-Lab	47.8950, -16.0578, 21.4286

Details

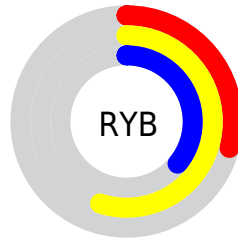
The Hex color **788B49** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5C498B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **ADC17B**, and **46591A** is the 20% darker color. If you saturate the color by 10%, you get **748B3B**, and if you desaturate by 10%, it is **7C8B57**.

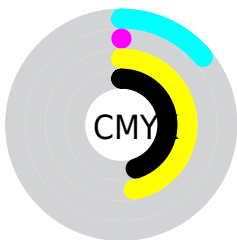
Distribution



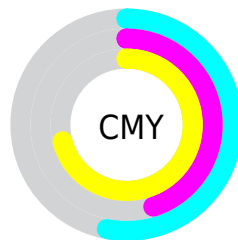
- Red (47%)
- Green (55%)
- Blue (29%)



- Red (29%)
- Yellow (55%)
- Blue (36%)



- Cyan (14%)
- Magenta (0%)
- Yellow (47%)
- Black (45%)



- Cyan (53%)
- Magenta (45%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 788B49 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 788B49 by changing the saturation by 10% instead.



788B49



788B49

FFFFFF



5E7231



ADC17B



46591A



C9DC95



2E4201



E6F9B0



172B00



FFFFCC



001900



FFFEE8



000000



788B49



788B49



748B3B



7C8B57



708B2D



808B65

 6C8B1F

 848B73

 688B11

 888B81

 648B04

 8C8B8F

 638B00

 908B9C

 948BAA

 988BB8

 9C8BC6

Harmonies

Analogous

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



998142



788B49



509161

Triad

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



788B49



0090BA



BF6986

Complementary

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



788B49



5C498B

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.



AB70A6



788B49



4B87C4

Square

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



788B49



0094A2



847CBD



C06C66

Rectangle

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



788B49



2C9476



847CBD



BA6B91

Sweetspot

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



788B49



AEB59C



8B5C49



575C4C



DBDBDB



5C5C5C

Same Dimension

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



788B49



97B54E



578B49



43453E



5E8500



040500

Inverse Universe

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



5C498B



6C4EB5



7D498B



403E45



260085



010005

Previews

White Background



This preview shows how the Hex color 788B49 looks on a white background.

Color Contrast Check

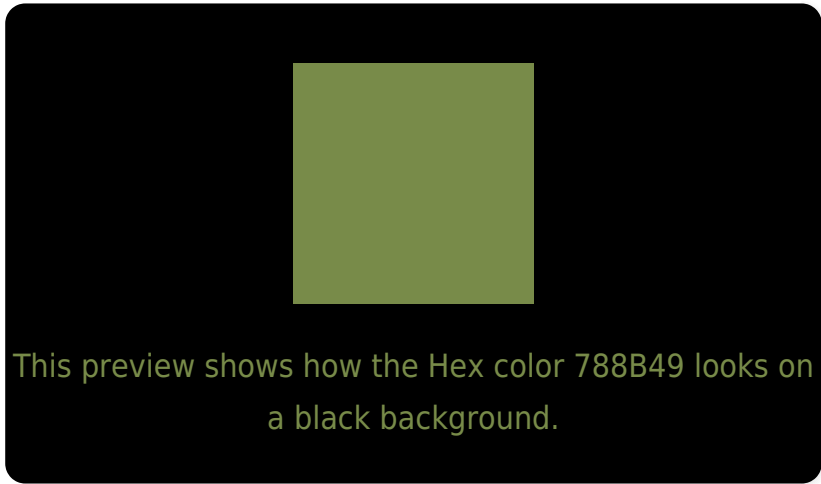
Large Text (above 18pt) WCAG AA ✓ Pass

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

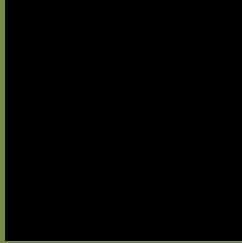
Any Text WCAG AA ✓ Pass

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 788B49 Background



This preview shows how black text looks on a background with the Hex color 788B49.



This preview shows how white text looks on a background with the Hex color 788B49.

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
81838E

Trichromacy



Original Color
788B49

Protanomaly
888747

Deuteranomaly
91824B

Tritanomaly
7E8675

Monochromacy



Original Color
788B49

Achromatopsia
7E7E7E

Achromatomaly
7C836B

CSS Examples

Text

The CSS property to change the color of the text to Hex 788B49 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 #788B49 looks like.

```
.text, #text, p{  
    color:#788B49  
}
```

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 #788B49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788B49
}
```

Border

The CSS property to change the border of an element to Hex 788B49 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
#788B49 }
```

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

```
.border{ border-color:#788B49 }
```

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

Here you see how a box with a 4 pixel #788B49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788B49; -webkit-box-shadow:4px 4px  
4px 4px #788B49; box-shadow:4px 4px 4px  
4px #788B49 }
```

Background

The CSS property to change the background color of an element to Hex 788B49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788B49 }
```

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

```
.background{ background-color:#788B49 }
```

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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