

Converting Colors

Hex(798A54)

Have a look what the booklet for
Hex(798A54) contains.

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Color

Hex(798A54)

Conversions

Conversions Part 1

Format	Color
Hex	798A54
RGB	121, 138, 84
RGB Percent	47%, 54%, 33%
CMY	0.5255, 0.4588, 0.6706
CMYK	0.12, 0.00, 0.39, 0.46
HSL	79°, 24%, 44%
HSV	79°, 39%, 54%
XYZ	18.5739, 22.8820, 11.8252
YIQ	126.7610, 7.2020, -20.3980

Conversions

Conversions Part 2

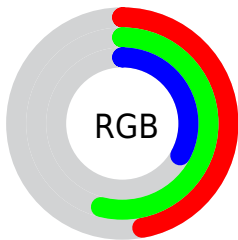
Format	Color
R_{YB}	84, 138, 101
Decimal	7965268
CIE _{Lab}	54.95, -15.67, 26.91
CIE _{LCh}	55, 31.137, 120.216
Yxy	22.8820, 0.3486, 0.4295
Android (android.graphics.Color)	4286155348 (0xFF798A54)
YUV	126.7610, -21.0812, -5.0524
Hunter-Lab	47.8351, -14.4018, 18.8276

Details

The Hex color **798A54** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **65548A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **AEBF86**, and **475825** is the 20% darker color. If you saturate the color by 10%, you get **758A46**, and if you desaturate by 10%, it is **7D8A62**.

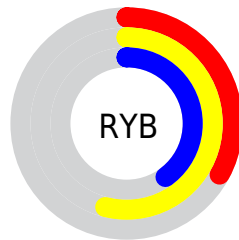
Distribution



Red (47%)

Green (54%)

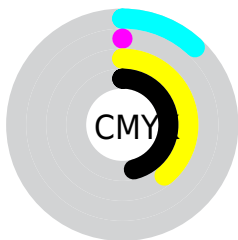
Blue (33%)



Red (33%)

Yellow (54%)

Blue (40%)

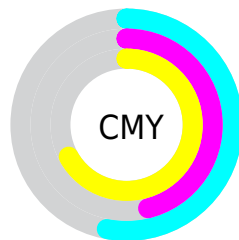


Cyan (12%)

Magenta (0%)

Yellow (39%)

Black (46%)



Cyan (53%)

Magenta (46%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 798A54 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 798A54 by changing the saturation by 10% instead.



798A54



798A54

FFFFFF



60713C



AEBF86



475825



CADBA1



30410F



E6F8BC



1B2A00



FFFFD8



001800



FFFFF4



000000



798A54



798A54



758A46



7D8A62



708A38



828A70

 6C8A2B

 868A7D

 688A1D

 8A8A8B

 638A0F

 8F8A99

 5F8A01

 938AA7

 5F8A00

 978AB5

 9C8AC2

 A08AD0

Harmonies

Analogous

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



95824D



798A54



598F68

Triad

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



798A54



2C8DB2



B66F84

Complementary

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



798A54



65548A

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.



A6739F



798A54



5D86B9

Square

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



798A54



0E919E



877CB2



B7716A

Rectangle

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



798A54



419179



877CB2



B26F8E

Sweetspot

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



798A54



ACB39D



8A6454



55594D



D9D9D9



595959

Same Dimension

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



798A54



98B35F



5F8A54



43453E



5B8500



030500

Inverse Universe

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



65548A



795FB3



7F548A



403E45



2A0085



020005

Previews

White Background



This preview shows how the Hex color 798A54 looks on a white background.

Color Contrast Check

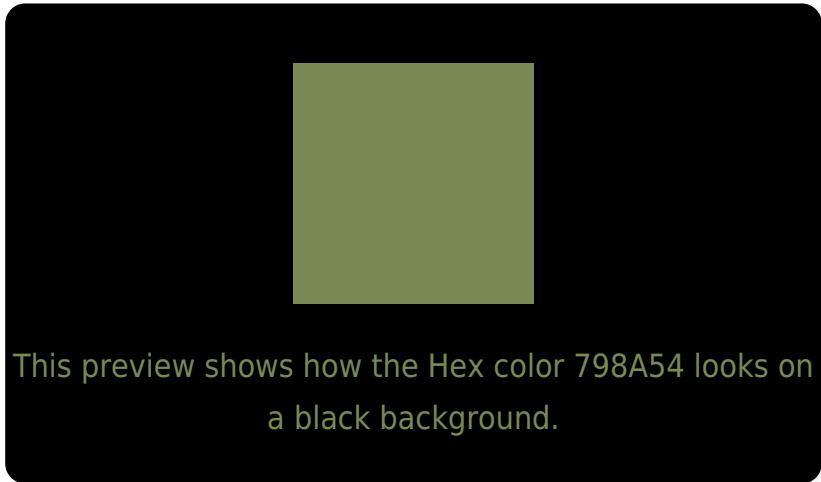
Large Text (above 18pt) WCAG AA ✓ Pass

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

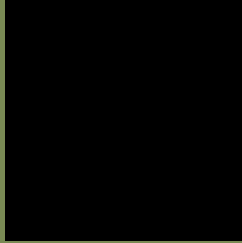
Any Text WCAG AA ✓ Pass

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 798A54 Background



This preview shows how black text looks on a background with the Hex color 798A54.



This preview shows how white text looks on a background with the Hex color 798A54.

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
798A54

Protanopia
8F8351

Deuteranopia
9E7E57



Tritanopia
81838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 798A54 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 #798A54 looks like.

```
.text, #text, p{  
    color:#798A54  
}
```

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 #798A54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #798A54
}
```

Border

The CSS property to change the border of an element to Hex 798A54 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
#798A54 }
```

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

```
.border{ border-color:#798A54 }
```

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

Here you see how a box with a 4 pixel #798A54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #798A54; -webkit-box-shadow:4px 4px  
4px 4px #798A54; box-shadow:4px 4px 4px  
4px #798A54 }
```

Background

The CSS property to change the background color of an element to Hex 798A54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#798A54 }
```

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

```
.background{ background-color:#798A54 }
```

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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