

# Converting Colors

Hex(798054)

Have a look what the booklet for  
Hex(798054) contains.

<b>Hex(798054)</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(798054)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	798054
RGB	121, 128, 84
RGB Percent	47%, 50%, 33%
CMY	0.5255, 0.4980, 0.6706
CMYK	0.05, 0.00, 0.34, 0.50
HSL	70°, 21%, 42%
HSV	70°, 34%, 50%
XYZ	17.2046, 20.1434, 11.3688
YIQ	120.8910, 9.9520, -15.1680

# Conversions

## Conversions Part 2

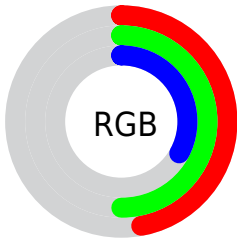
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 128, 91
Decimal	7962708
CIELab	52.00, -10.26, 23.06
CIELCh	52, 25.241, 113.985
Yxy	20.1434, 0.3532, 0.4135
Android (android.graphics.Color)	4286152788 (0xFF798054)
YUV	120.8910, -18.1873, 0.0956
Hunter-Lab	44.8814, -10.1173, 16.3984

# Details

The Hex color **798054** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5B5480**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **AEB586**, and **484F26** is the 20% darker color. If you saturate the color by 10%, you get **778047**, and if you desaturate by 10%, it is **7B8061**.

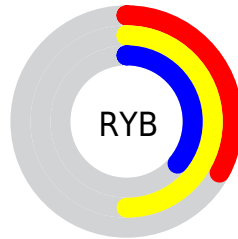
# Distribution



Red (47%)

Green (50%)

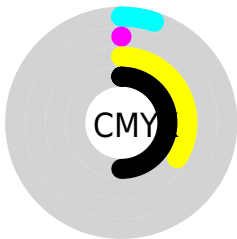
Blue (33%)



Red (33%)

Yellow (50%)

Blue (36%)

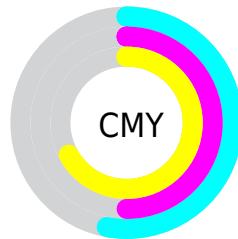


Cyan (5%)

Magenta (0%)

Yellow (34%)

Black (50%)



Cyan (53%)

Magenta (50%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 798054 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 798054 by changing the saturation by 10% instead.



 798054

 798054

FFFFFF

 60673C

 AEB586

 484F26

 CAD0A0

 303810

 E6EDBC

 1C2300

 FFFFD7

 000D00

 FFFFF4

 000000

 798054

 798054

 778047

 7B8061

 75803A

 7D806E

73802E

7F807A

718021

818087

6F8014

838094

6D8007

8580A1

6C8000

8780AE

8980BA

8B80C7

# Harmonies

## Analogous

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



8F7951



798054



608562

# Triad

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



798054



3B859E



A36C81

# Complementary

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



798054



5B5480

# 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.



937196



798054



587FA7

# Square

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



798054



34888D



7978A3



A76D6B

# Rectangle

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



798054



4F876F



7978A3



9F6D88



# Sweetspot

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



798054



A3A695



805B54



53544A



D4D4D4



545454



# Same Dimension

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



798054



9BA662



638054



3F4039



6B8000



000000



# Inverse Universe

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



5B5480



6D62A6



715480



3A3940



140080



000000



# Previews

## White Background



This preview shows how the Hex color 798054 looks on a white background.

## Color Contrast Check

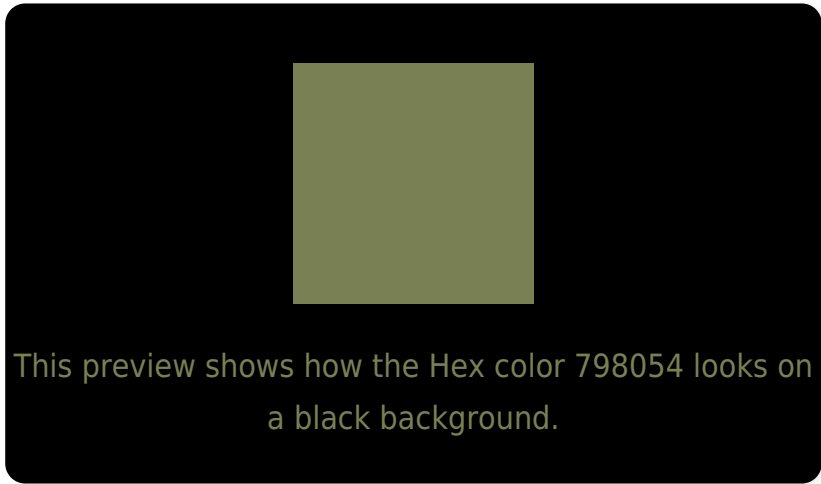
Large Text (above 18pt) WCAG AA ✓ Pass

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

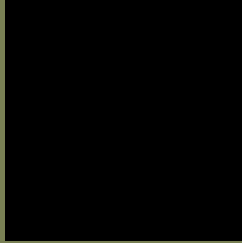
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

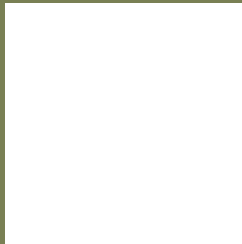
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 798054 Background



This preview shows how black text looks on a background with the Hex color 798054.



This preview shows how white text looks on a background with the Hex color 798054.

# 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**  
798054

**Protanopia**  
867C52

**Deuteranopia**  
947756



**Tritanopia**  
7F7A84

# Trichromacy



**Original Color**  
798054

**Protanomaly**  
817D53

**Deuteranomaly**  
8A7A55

**Tritanomaly**  
7D7C73

# Monochromacy



**Original Color**  
798054

**Achromatopsia**  
797979

**Achromatomaly**  
797C6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 798054 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 #798054 looks like.

```
.text, #text, p{  
    color:#798054  
}
```

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 #798054 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #798054  
}
```

## Border

The CSS property to change the border of an element to Hex 798054 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  
#798054 }
```

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

```
.border{ border-color:#798054 }
```

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

Here you see how a box with a 4 pixel #798054 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #798054; -webkit-box-shadow:4px 4px  
4px 4px #798054; box-shadow:4px 4px 4px  
4px #798054 }
```

# Background

The CSS property to change the background color of an element to Hex 798054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#798054 }
```

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

```
.background{ background-color:#798054 }
```

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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