

# Converting Colors

Hex(788157)

Have a look what the booklet for  
Hex(788157) contains.

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**Color**

**Hex(788157)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 788157                     |
| RGB           | 120, 129, 87               |
| RGB Percent   | 47%, 51%, 34%              |
| CMY           | 0.5294, 0.4941, 0.6588     |
| CMYK          | 0.07, 0.00, 0.33, 0.49     |
| HSL           | 73°, 19%, 42%              |
| HSV           | 73°, 33%, 51%              |
| XYZ           | 17.3163, 20.3817, 12.0382  |
| YIQ           | 121.5210, 8.1180, -14.9700 |

# Conversions

## Conversions Part 2

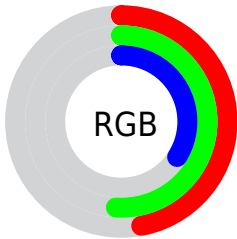
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 87, 129, 96                    |
| Decimal                             | 7897431                        |
| CIELab                              | 52.27, -10.80, 21.71           |
| CIElCh                              | 52, 24.248, 116.452            |
| Yxy                                 | 20.3817, 0.3482,<br>0.4098     |
| Android<br>(android.graphics.Color) | 4286087511<br>(0xFF788157)     |
| YUV                                 | 121.5210, -17.0189,<br>-1.3339 |
| Hunter-Lab                          | 45.1461, -10.5400,<br>15.7926  |

# Details

The Hex color **788157** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **605781**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **ADB689**, and **475029** is the 20% darker color. If you saturate the color by 10%, you get **75814A**, and if you desaturate by 10%, it is **7B8164**.

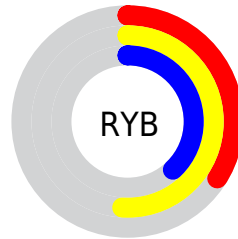
# Distribution



Red (47%)

Green (51%)

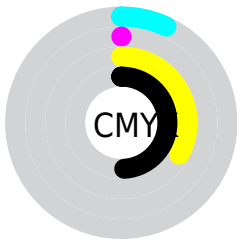
Blue (34%)



Red (34%)

Yellow (51%)

Blue (38%)

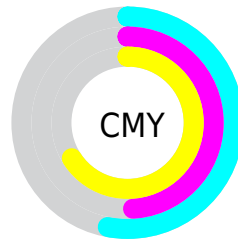


Cyan (7%)

Magenta (0%)

Yellow (33%)

Black (49%)



Cyan (53%)

Magenta (49%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 788157 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 788157 by changing the saturation by 10% instead.





788157



788157

FFFFFF



5F683F



ADB689



475029



C8D1A4



303913



E5EEBF



1C2300



FFFFDB



000F00



FFFFF7



000000



788157



788157



75814A



7B8164



72813D



7E8171

 708130

 80817E

 6D8123

 83818B

 6A8117

 868198

 67810A

 8981A4

 658100

 8B81B1

 8E81BE

 9181CB

# Harmonies

## Analogous

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



8E7B53



788157



608665

# Triad

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



788157



42859F



A36D80

# Complementary

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



788157



605781

# 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.



957194



788157



5E7FA6

# Square

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



788157



39888E



7C78A2



A66E6B

# Rectangle

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



788157



508772



7C78A2



A06E87



# Sweetspot

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



788157



A5A897



815F57



52544A



D4D4D4



545454



# Same Dimension

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



788157



9AA867



648157



3E4039



648000



000000



# Inverse Universe

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



605781



7567A8



745781



3B3940



1B0080



000000



# Previews

## White Background



This preview shows how the Hex color 788157 looks on a white background.

## Color Contrast Check

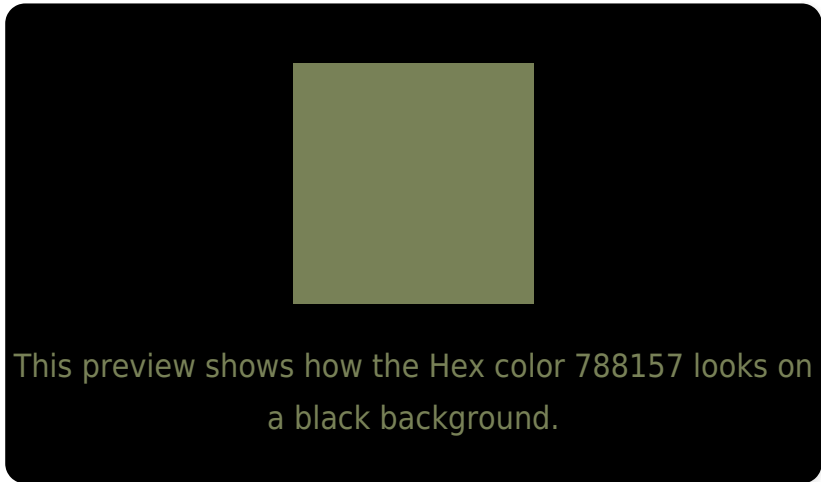
Large Text (above 18pt) WCAG AA ✓ Pass

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

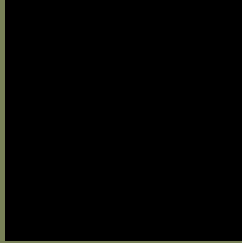
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 788157 Background



This preview shows how black text looks on a background with the Hex color 788157.



This preview shows how white text looks on a background with the Hex color 788157.

# 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**  
788157

**Protanopia**  
877C55

**Deuteranopia**  
947759



**Tritanopia**  
7E7B85

# Trichromacy



**Original Color**  
788157

**Protanomaly**  
827E56

**Deuteranomaly**  
8A7B58

**Tritanomaly**  
7C7D74

# Monochromacy



**Original Color**  
788157

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
797D6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 788157 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 #788157 looks like.

```
.text, #text, p{  
    color:#788157  
}
```

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 #788157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788157
}
```

## Border

The CSS property to change the border of an element to Hex 788157 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
#788157 }
```

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

```
.border{ border-color:#788157 }
```

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

Here you see how a box with a 4 pixel #788157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788157; -webkit-box-shadow:4px 4px  
4px 4px #788157; box-shadow:4px 4px 4px  
4px #788157 }
```

# Background

The CSS property to change the background color of an element to Hex 788157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788157 }
```

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

```
.background{ background-color:#788157 }
```

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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