

# Converting Colors

Hex(788856)

Have a look what the booklet for  
Hex(788856) contains.

<b>Hex(788856)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(788856)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	788856
RGB	120, 136, 86
RGB Percent	47%, 53%, 34%
CMY	0.5294, 0.4667, 0.6627
CMYK	0.12, 0.00, 0.37, 0.47
HSL	79°, 23%, 44%
HSV	79°, 37%, 53%
XYZ	18.2296, 22.2733, 12.1425
YIQ	125.5160, 6.5140, -18.9420

# Conversions

## Conversions Part 2

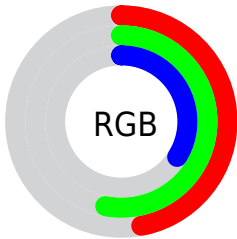
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 136, 102
Decimal	7899222
CIE <sub>Lab</sub>	54.32, -14.74, 24.97
CIE <sub>LCh</sub>	54, 28.992, 120.553
Yxy	22.2733, 0.3463, 0.4231
Android (android.graphics.Color)	4286089302 (0xFF788856)
YUV	125.5160, -19.4814, -4.8375
Hunter-Lab	47.1946, -13.6422, 17.7818

# Details

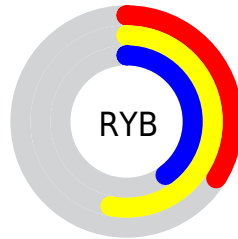
The Hex color **788856** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **665688**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **ADB888**, and **465628** is the 20% darker color. If you saturate the color by 10%, you get **748848**, and if you desaturate by 10%, it is **7C8864**.

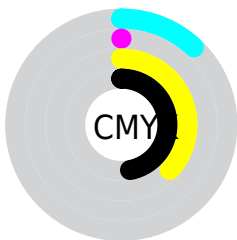
# Distribution



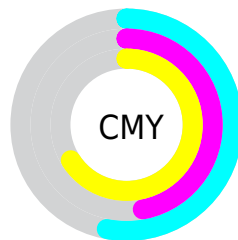
- Red (47%)
- Green (53%)
- Blue (34%)



- Red (34%)
- Yellow (53%)
- Blue (40%)



- Cyan (12%)
- Magenta (0%)
- Yellow (37%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 788856 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 788856 by changing the saturation by 10% instead.





788856



788856

FFFFFF



5F6F3E



ADBD88



465628



C9D9A3



2F3F12



E5F6BE



1B2900



FFFFDA



001600



FFFFF7



000000



788856



788856



748848



7C8864



6F883B



818871

 6B882D

 85887F

 678820

 89888C

 628812

 8E889A

 5E8804

 9288A8

 5C8800

 9688B5

 9B88C3

 9F88D0

# Harmonies

## Analogous

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



928050



788856



5A8D68

# Triad

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



788856



378BAD



B16F82

# Complementary

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



788856



665688

# 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.



A2739B



788856



5F84B4

# Square

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



788856



238F9A



867BAD



B2716A

# Rectangle

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



788856



458F79



867BAD



AE6F8B



# Sweetspot

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



788856



AAB09D



886656



56594E



D9D9D9



595959



# Same Dimension

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



788856



97B063



5F8856



43453E



5A8500



030500



# Inverse Universe

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



665688



7B63B0



7F5688



403E45



2A0085



020005



# Previews

## White Background



This preview shows how the Hex color 788856 looks on a white background.

## Color Contrast Check

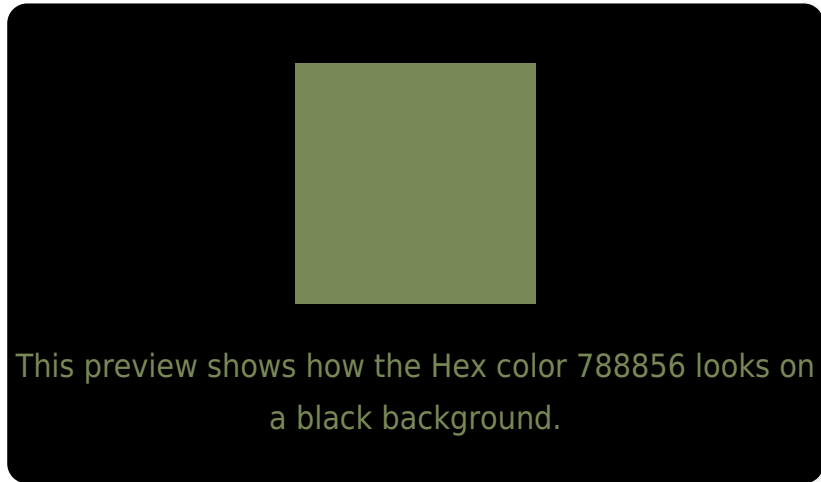
Large Text (above 18pt) WCAG AA ✓ Pass

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

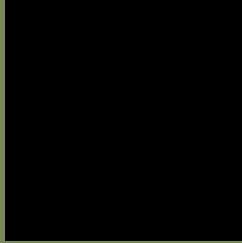
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 788856 Background



This preview shows how black text looks on a background with the Hex color 788856.



This preview shows how white text looks on a background with the Hex color 788856.

# 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



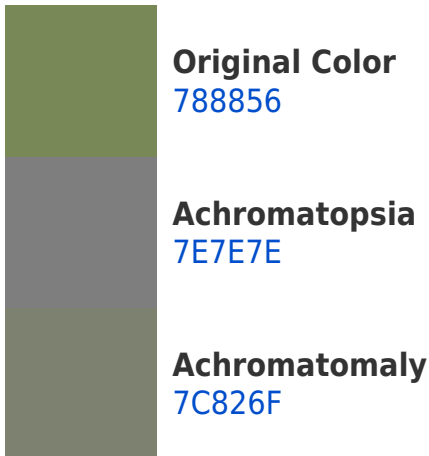


**Tritanopia**  
7F818C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 788856 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 #788856 looks like.

```
.text, #text, p{  
    color:#788856  
}
```

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 #788856 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788856
}
```

## Border

The CSS property to change the border of an element to Hex 788856 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
#788856 }
```

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

```
.border{ border-color:#788856 }
```

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

Here you see how a box with a 4 pixel #788856 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788856; -webkit-box-shadow:4px 4px  
4px 4px #788856; box-shadow:4px 4px 4px  
4px #788856 }
```

# Background

The CSS property to change the background color of an element to Hex 788856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788856 }
```

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

```
.background{ background-color:#788856 }
```

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