

# Converting Colors

Hex(788855)

Have a look what the booklet for  
Hex(788855) contains.

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**Color**

**Hex(788855)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	788855
RGB	120, 136, 85
RGB Percent	47%, 53%, 33%
CMY	0.5294, 0.4667, 0.6667
CMYK	0.12, 0.00, 0.38, 0.47
HSL	79°, 23%, 43%
HSV	79°, 38%, 53%
XYZ	18.1896, 22.2573, 11.9317
YIQ	125.4020, 6.8350, -19.2530

# Conversions

## Conversions Part 2

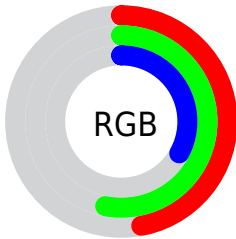
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 136, 101
Decimal	7899221
CIE <sub>Lab</sub>	54.30, -14.88, 25.50
CIE <sub>LCh</sub>	54, 29.520, 120.260
Yxy	22.2573, 0.3473, 0.4249
Android (android.graphics.Color)	4286089301 (0xFF788855)
YUV	125.4020, -19.9182, -4.7376
Hunter-Lab	47.1776, -13.7392, 18.0293

# Details

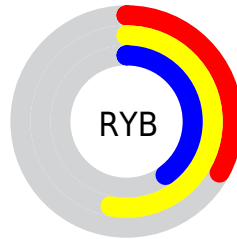
The Hex color **788855** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **655588**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **ADB887**, and **465627** is the 20% darker color. If you saturate the color by 10%, you get **748847**, and if you desaturate by 10%, it is **7C8863**.

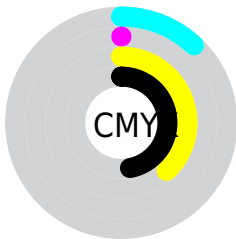
# Distribution



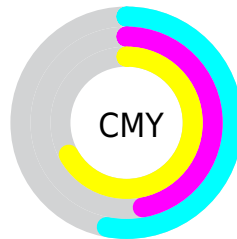
- Red (47%)
- Green (53%)
- Blue (33%)



- Red (33%)
- Yellow (53%)
- Blue (40%)



- Cyan (12%)
- Magenta (0%)
- Yellow (38%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 788855 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 788855 by changing the saturation by 10% instead.





788855



788855

FFFFFF



5F6F3D



ADB87



465627



C9D9A2



2F3F10



E5F6BD



1B2900



FFFFD9



001600



FFFFF5



000000



788855



788855



748847



7C8863



6F883A



818870

 6B882C

 85887E

 67881F

 89888B

 638811

 8D8899

 5E8803

 9288A7

 5D8800

 9688B4

 9A88C2

 9E88CF

# Harmonies

## Analogous

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



93804F



788855



5A8D68

# Triad

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



788855



348BAD



B26E83

# Complementary

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



788855



655588

# 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.



A2739C



788855



5E84B4

# Square

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



788855



1F8F9B



857BAE



B37069

# Rectangle

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



788855



448F78



857BAE



AE6F8B



# Sweetspot

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



788855



AAB09D



886455



56594E



D9D9D9



595959



# Same Dimension

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



788855



97B061



5F8855



43453E



5B8500



040500



# Inverse Universe

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



655588



7A61B0



7E5588



403E45



2A0085



020005



# Previews

## White Background



This preview shows how the Hex color 788855 looks on a white background.

## Color Contrast Check

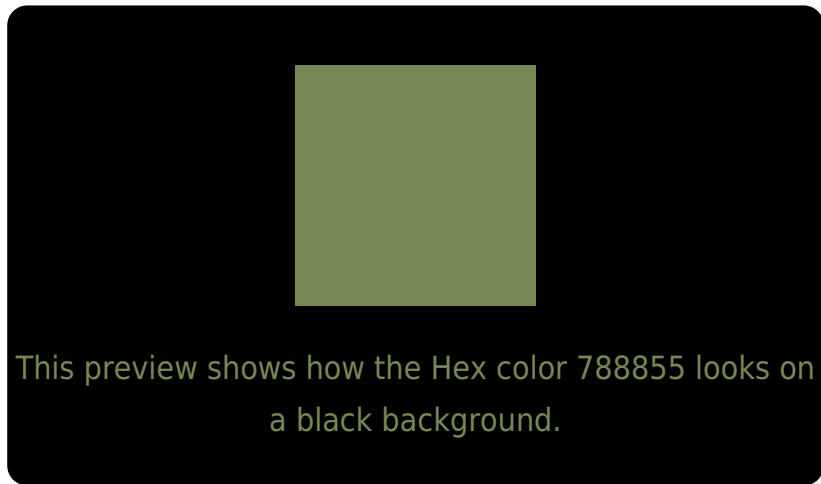
Large Text (above 18pt) WCAG AA ✓ Pass

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

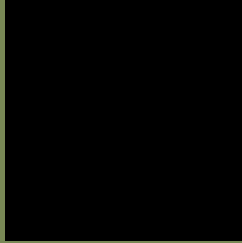
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 788855 Background



This preview shows how black text looks on a background with the Hex color 788855.



This preview shows how white text looks on a background with the Hex color 788855.

# 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**  
788855

**Protanopia**  
8D8252

**Deuteranopia**  
9B7C58



**Tritanopia**  
7F818C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 788855 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 #788855 looks like.

```
.text, #text, p{  
    color:#788855  
}
```

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 #788855 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788855
}
```

## Border

The CSS property to change the border of an element to Hex 788855 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
#788855 }
```

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

```
.border{ border-color:#788855 }
```

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

Here you see how a box with a 4 pixel #788855 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788855; -webkit-box-shadow:4px 4px  
4px 4px #788855; box-shadow:4px 4px 4px  
4px #788855 }
```

# Background

The CSS property to change the background color of an element to Hex 788855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788855 }
```

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

```
.background{ background-color:#788855 }
```

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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