

# Converting Colors

Hex(758856)

Have a look what the booklet for  
Hex(758856) contains.

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**Color**

**Hex(758856)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	758856
RGB	117, 136, 86
RGB Percent	46%, 53%, 34%
CMY	0.5412, 0.4667, 0.6627
CMYK	0.14, 0.00, 0.37, 0.47
HSL	83°, 23%, 44%
HSV	83°, 37%, 53%
XYZ	17.8200, 22.0621, 12.1233
YIQ	124.6190, 4.7260, -19.5780

# Conversions

## Conversions Part 2

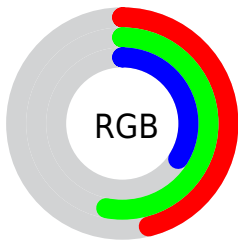
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 136, 105
Decimal	7702614
CIE <sub>Lab</sub>	54.09, -15.95, 24.63
CIE <sub>LCh</sub>	54, 29.348, 122.928
Yxy	22.0621, 0.3427, 0.4242
Android (android.graphics.Color)	4285892694 (0xFF758856)
YUV	124.6190, -19.0392, -6.6819
Hunter-Lab	46.9703, -14.4772, 17.5762

# Details

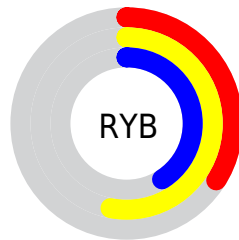
The Hex color **758856** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **695688**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **AABD88**, and **445628** is the 20% darker color. If you saturate the color by 10%, you get **708848**, and if you desaturate by 10%, it is **7A8864**.

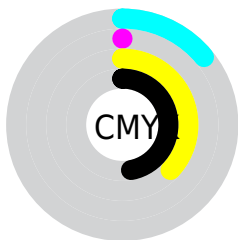
# Distribution



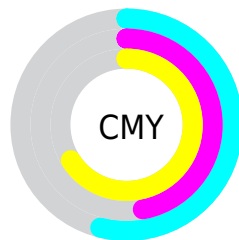
- Red (46%)
- Green (53%)
- Blue (34%)



- Red (34%)
- Yellow (53%)
- Blue (41%)



- Cyan (14%)
- Magenta (0%)
- Yellow (37%)
- Black (47%)



- Cyan (54%)
- Magenta (47%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 758856 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 758856 by changing the saturation by 10% instead.





758856



758856

FFFFFF



5C6F3E



AABD88



445628



C5D9A3



2C3F12



E1F6BE



192900



FEFFDA



001600



FFFFFF7



000000



758856



758856



708848



7A8864



6B883B



7F8871

■ 65882D

■ 85887F

■ 608820

■ 8A888C

■ 5B8812

■ 8F889A

■ 568804

■ 9488A8

■ 548800

■ 9988B5

■ 9E88C3

■ A488D0

# Harmonies

## Analogous

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



90814E



758856



578D69

# Triad

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



758856



378AAE



B26E80

# Complementary

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



758856



695688

# 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.



A37299



758856



6183B4

# Square

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



758856



1F8E9C



887AAC



B17067

# Rectangle

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



758856



418F7A



887AAC



AE6E88



# Sweetspot

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



758856



A9B09D



886856



55594E



D9D9D9



595959



# Same Dimension

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



758856



93B063



5D8856



42453E



528500



030500



# Inverse Universe

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



695688



8063B0



815688



413E45



320085



020005



# Previews

## White Background



This preview shows how the Hex color 758856 looks on a white background.

## Color Contrast Check

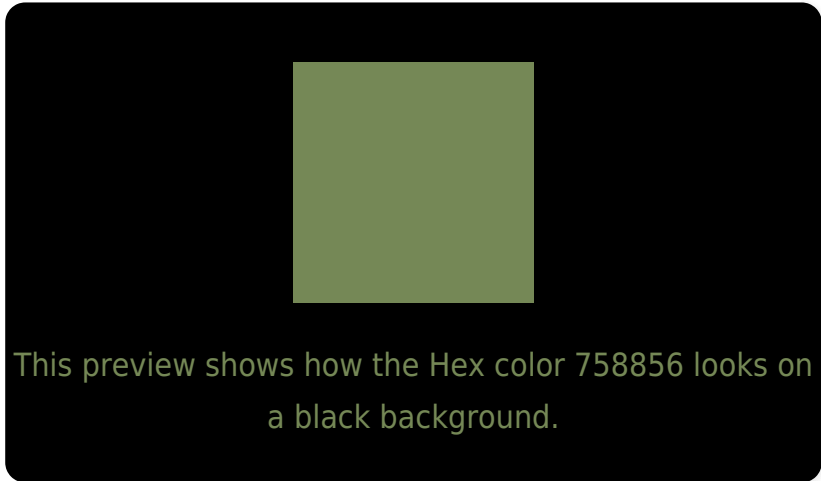
Large Text (above 18pt) WCAG AA ✓ Pass

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

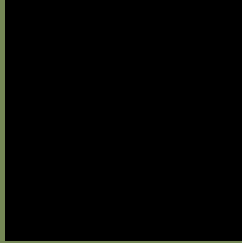
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 758856 Background



This preview shows how black text looks on a background with the Hex color 758856.

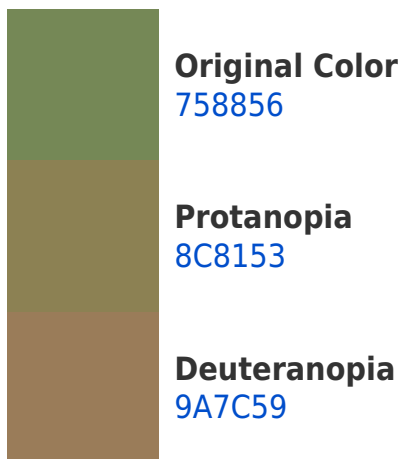


This preview shows how white text looks on a background with the Hex color 758856.

# 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**  
7C818C

# Trichromacy



**Original Color**  
758856

**Protanomaly**  
848454

**Deuteranomaly**  
8D8058

**Tritanomaly**  
798478

# Monochromacy



**Original Color**  
758856

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
7A816F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 758856 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 #758856 looks like.

```
.text, #text, p{  
    color:#758856  
}
```

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 #758856 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758856
}
```

## Border

The CSS property to change the border of an element to Hex 758856 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
#758856 }
```

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

```
.border{ border-color:#758856 }
```

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

Here you see how a box with a 4 pixel #758856 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758856; -webkit-box-shadow:4px 4px  
4px 4px #758856; box-shadow:4px 4px 4px  
4px #758856 }
```

# Background

The CSS property to change the background color of an element to Hex 758856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758856 }
```

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

```
.background{ background-color:#758856 }
```

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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