

# Converting Colors

Hex(77956B)

Have a look what the booklet for  
Hex(77956B) contains.

<b>Hex(77956B)</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(77956B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77956B
RGB	119, 149, 107
RGB Percent	47%, 58%, 42%
CMY	0.5333, 0.4157, 0.5804
CMYK	0.20, 0.00, 0.28, 0.42
HSL	103°, 17%, 50%
HSV	103°, 28%, 58%
XYZ	21.0090, 26.4784, 17.9135
YIQ	135.2420, -4.3980, -19.4220

# Conversions

## Conversions Part 2

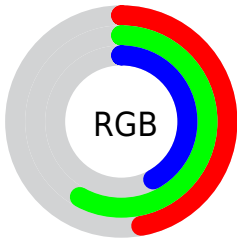
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 149, 137
Decimal	7837035
CIELab	58.49, -18.76, 18.84
CIELCh	58, 26.583, 134.874
Yxy	26.4784, 0.3212, 0.4049
Android (android.graphics.Color)	4286027115 (0xFF77956B)
YUV	135.2420, -13.9233, -14.2442
Hunter-Lab	51.4571, -17.1716, 15.3797

# Details

The Hex color **77956B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **896B95**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **ACCB9F**, and **46623B** is the 20% darker color. If you saturate the color by 10%, you get **6C955C**, and if you desaturate by 10%, it is **82957A**.

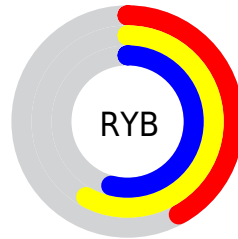
# Distribution



Red (47%)

Green (58%)

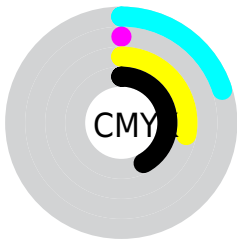
Blue (42%)



Red (42%)

Yellow (58%)

Blue (54%)

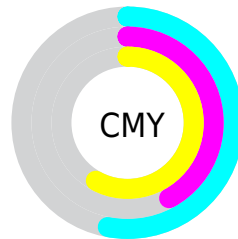


Cyan (20%)

Magenta (0%)

Yellow (28%)

Black (42%)



Cyan (53%)

Magenta (42%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77956B 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 77956B by changing the saturation by 10% instead.



 77956B

 77956B

FFFFFF

 5E7B53

 ACCB9F

 46623B

 C7E7BA

 2E4A25

 E4FFD5

 183310

 FFFFF2

 001F00

 000000

 77956B

 77956B

 6C955C

 82957A

 62954D

 8C9589

■ 57953E

■ 979598

■ 4C952F

■ A295A7

■ 429521

■ AC95B6

■ 379512

■ B795C4

■ 2D9503

■ C295D3

■ 2B9500

■ CC95E2

■ D795F1

# Harmonies

## Analogous

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



918F5F



77956B



5C9980

# Triad

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



77956B



5D92B9



BB7B82

# Complementary

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



77956B



896B95

# 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.



B37D99



77956B



7F8BB9

# Square

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



77956B



4397AD



9E83AE



B7806D

# Rectangle

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



77956B



4C9A90



9E83AE



BA7B8A



# Sweetspot

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



77956B



B7C2B2



95886B



5A6157



E0E0E0



616161



# Same Dimension

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



77956B



93C280



6B9573



454A43



278A00



030A00



# Inverse Universe

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



896B95



AF80C2



956B8D



48434A



62008A



07000A



# Previews

## White Background



This preview shows how the Hex color 77956B looks on a white background.

## Color Contrast Check

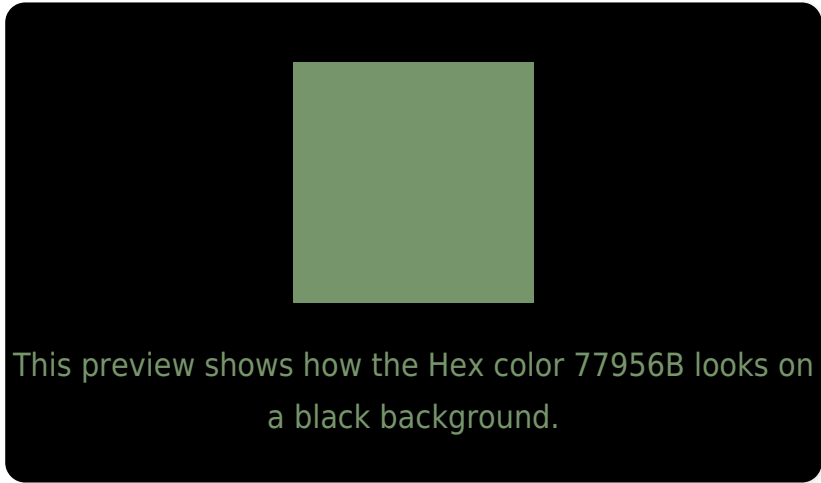
Large Text (above 18pt) WCAG AA ✓ Pass

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

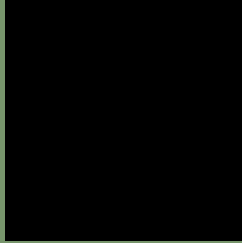
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 77956B Background



This preview shows how black text looks on a background with the Hex color 77956B.

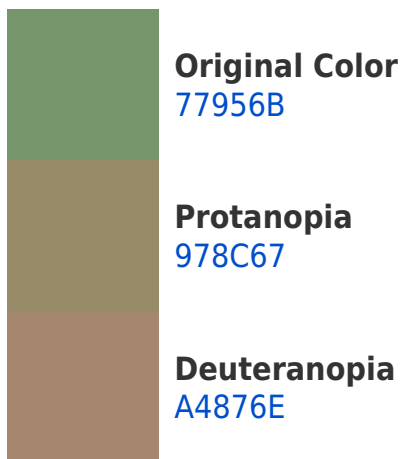


This preview shows how white text looks on a background with the Hex color 77956B.

# 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



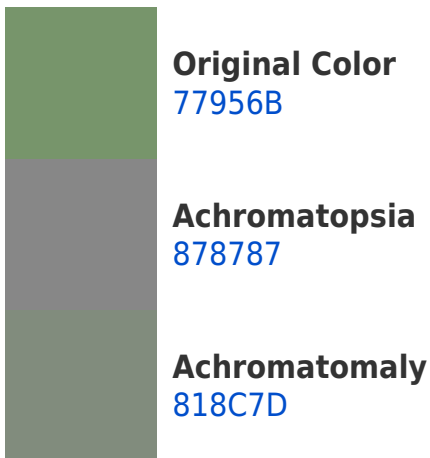


**Tritanopia**  
7F8F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77956B 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 #77956B looks like.

```
.text, #text, p{  
    color:#77956B  
}
```

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 #77956B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77956B
}
```

## Border

The CSS property to change the border of an element to Hex 77956B 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
#77956B }
```

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

```
.border{ border-color:#77956B }
```

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

Here you see how a box with a 4 pixel #77956B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77956B; -webkit-box-shadow:4px 4px  
4px 4px #77956B; box-shadow:4px 4px 4px  
4px #77956B }
```

# Background

The CSS property to change the background color of an element to Hex 77956B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77956B }
```

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

```
.background{ background-color:#77956B }
```

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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