

# Converting Colors

Hex(7B8E58)

Have a look what the booklet for  
Hex(7B8E58) contains.

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**Color**

**Hex(7B8E58)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B8E58
RGB	123, 142, 88
RGB Percent	48%, 56%, 35%
CMY	0.5176, 0.4431, 0.6549
CMYK	0.13, 0.00, 0.38, 0.44
HSL	81°, 23%, 45%
HSV	81°, 38%, 56%
XYZ	19.6028, 24.2615, 12.8823
YIQ	130.1630, 6.0100, -20.8220

# Conversions

## Conversions Part 2

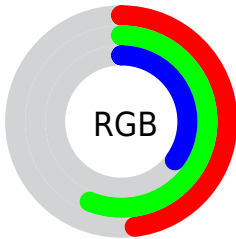
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 142, 107
Decimal	8097368
CIE <sub>Lab</sub>	56.35, -16.43, 26.56
CIE <sub>LCh</sub>	56, 31.229, 121.753
Yxy	24.2615, 0.3454, 0.4275
Android (android.graphics.Color)	4286287448 (0xFF7B8E58)
YUV	130.1630, -20.7864, -6.2820
Hunter-Lab	49.2560, -15.1588, 18.9727

# Details

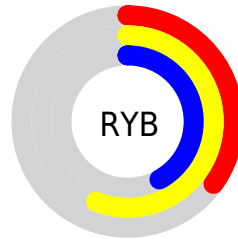
The Hex color **7B8E58** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6B588E**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B0C48B**, and **495C29** is the 20% darker color. If you saturate the color by 10%, you get **768E4A**, and if you desaturate by 10%, it is **808E66**.

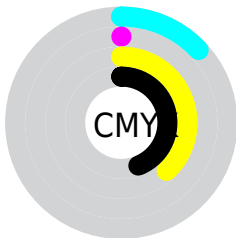
# Distribution



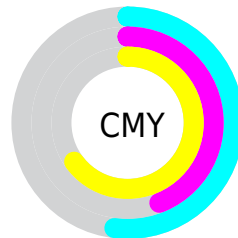
- Red (48%)
- Green (56%)
- Blue (35%)



- Red (35%)
- Yellow (56%)
- Blue (42%)



- Cyan (13%)
- Magenta (0%)
- Yellow (38%)
- Black (44%)



- Cyan (52%)
- Magenta (44%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B8E58 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 7B8E58 by changing the saturation by 10% instead.





7B8E58



7B8E58

FFFFFF



627440



B0C48B



495C29



CCE0A5



324413



E8FCC0



1D2E00



FFFFDC



001A00



FFFFFF9



000000



7B8E58



7B8E58



768E4A



808E66



718E3C



858E74

 6C8E2D

 8A8E83

 678E1F

 8F8E91

 628E11

 948E9F

 5D8E03

 998EAD

 5C8E00

 9E8EBB

 A38ECA

 A88ED8

# Harmonies

## Analogous

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



988650



7B8E58



5A936D

# Triad

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



7B8E58



3391B6



BA7287

# Complementary

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



7B8E58



6B588E

# 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.



AB76A1



7B8E58



6389BD

# Square

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



7B8E58



1695A3



8C7FB5



BB756C

# Rectangle

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



7B8E58



43957E



8C7FB5



B77390



# Sweetspot

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



7B8E58



B0B8A3



8E6B58



585C50



DBDBDB



5C5C5C



# Same Dimension

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



7B8E58



9AB863



608E58



454740



588700



050800



# Inverse Universe

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



6B588E



8163B8



86588E



434047



300087



030008



# Previews

## White Background



This preview shows how the Hex color 7B8E58 looks on a white background.

## Color Contrast Check

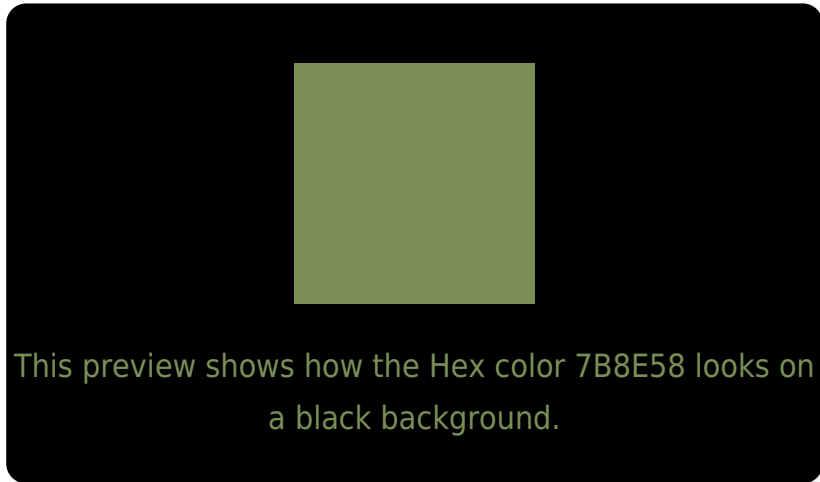
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B8E58 Background



This preview shows how black text looks on a background with the Hex color 7B8E58.



This preview shows how white text looks on a background with the Hex color 7B8E58.

# 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**  
838792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B8E58 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 #7B8E58 looks like.

```
.text, #text, p{  
    color:#7B8E58  
}
```

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 #7B8E58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8E58  
}
```

## Border

The CSS property to change the border of an element to Hex 7B8E58 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  
#7B8E58 }
```

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

```
.border{ border-color:#7B8E58 }
```

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

Here you see how a box with a 4 pixel #7B8E58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8E58; -webkit-box-shadow:4px 4px  
4px 4px #7B8E58; box-shadow:4px 4px 4px  
4px #7B8E58 }
```

# Background

The CSS property to change the background color of an element to Hex 7B8E58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8E58 }
```

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

```
.background{ background-color:#7B8E58 }
```

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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