

# Converting Colors

Hex(7B8F50)

Have a look what the booklet for  
Hex(7B8F50) contains.

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**Color**

**Hex(7B8F50)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B8F50
RGB	123, 143, 80
RGB Percent	48%, 56%, 31%
CMY	0.5176, 0.4392, 0.6863
CMYK	0.14, 0.00, 0.44, 0.44
HSL	79°, 28%, 44%
HSV	79°, 44%, 56%
XYZ	19.4388, 24.4351, 11.2813
YIQ	129.8380, 8.3030, -23.8330

# Conversions

## Conversions Part 2

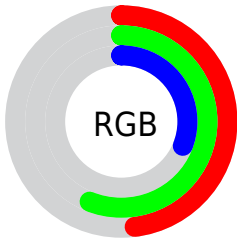
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 143, 100
Decimal	8097616
CIELab	56.52, -18.00, 31.10
CIELCh	57, 35.935, 120.064
Yxy	24.4351, 0.3524, 0.4430
Android (android.graphics.Color)	4286287696 (0xFF7B8F50)
YUV	129.8380, -24.5701, -5.9969
Hunter-Lab	49.4318, -16.3115, 21.0711

# Details

The Hex color **7B8F50** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **64508F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B1C582**, and **495D21** is the 20% darker color. If you saturate the color by 10%, you get **768F42**, and if you desaturate by 10%, it is **808F5E**.

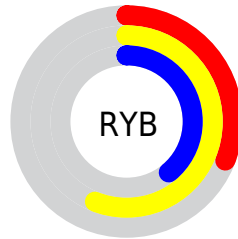
# Distribution



Red (48%)

Green (56%)

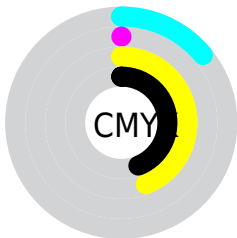
Blue (31%)



Red (31%)

Yellow (56%)

Blue (39%)

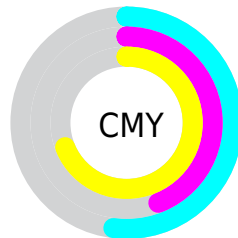


Cyan (14%)

Magenta (0%)

Yellow (44%)

Black (44%)



Cyan (52%)

Magenta (44%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B8F50 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 7B8F50 by changing the saturation by 10% instead.



 7B8F50

 7B8F50

FFFFFF

 617538

 B1C582

 495D21

 CCE19D

 314509

 E9FDB8

 1B2F00

 FFFFD4

 001B00

 FFFFF0

 000000

 7B8F50

 7B8F50

 768F42

 808F5E

 728F33

 848F6D

 6D8F25

 898F7B

 698F17

 8D8F89

 648F09

 928F98

 628F00

 968FA6

 9B8FB4

 9F8FC2

 A48FD1

# Harmonies

## Analogous

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



9B8648



7B8F50



559567

# Triad

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



7B8F50



0093BD



C16F89

# Complementary

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



7B8F50



64508F

# 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.



AF74A7



7B8F50



578BC6

# Square

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



7B8F50



0097A6



8B7FBE



C2716A

# Rectangle

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



7B8F50



35977C



8B7FBE



BD7093



# Sweetspot

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



7B8F50



B2BAA2



8F6450



5A5E4F



DEDEDE



5E5E5E



# Same Dimension

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



7B8F50



9BBA57



5C8F50



454740



5C8700



050800



# Inverse Universe

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



64508F



7757BA



83508F



434047



2B0087



020008



# Previews

## White Background



This preview shows how the Hex color 7B8F50 looks on a white background.

## Color Contrast Check

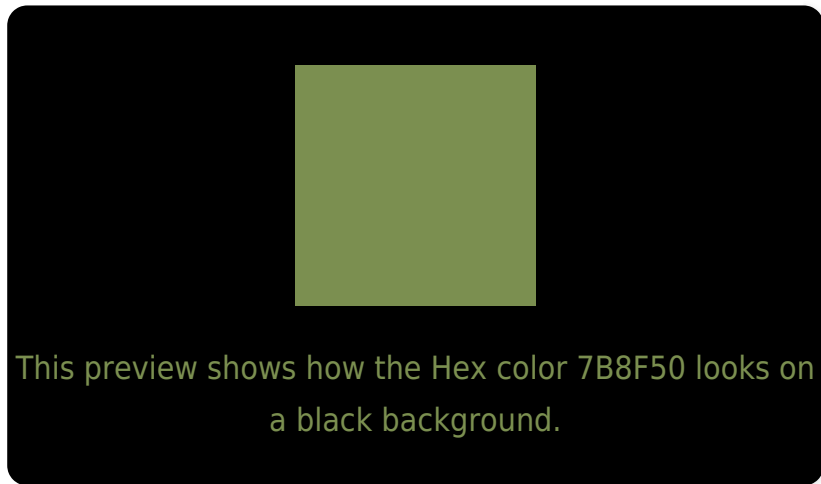
Large Text (above 18pt) WCAG AA ✓ Pass

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

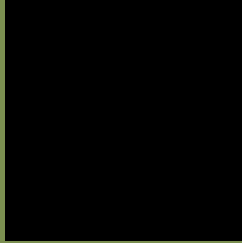
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7B8F50 Background



This preview shows how black text looks on a background with the Hex color 7B8F50.



This preview shows how white text looks on a background with the Hex color 7B8F50.

# 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**  
848792

# Trichromacy



**Original Color**  
7B8F50

**Protanomaly**  
8B8A4E

**Deuteranomaly**  
958652

**Tritanomaly**  
818A7A

# Monochromacy



**Original Color**  
7B8F50

**Achromatopsia**  
828282

**Achromatomaly**  
7F8770

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B8F50 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 #7B8F50 looks like.

```
.text, #text, p{  
    color:#7B8F50  
}
```

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 #7B8F50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8F50
}
```

## Border

The CSS property to change the border of an element to Hex 7B8F50 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
#7B8F50 }
```

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

```
.border{ border-color:#7B8F50 }
```

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

Here you see how a box with a 4 pixel #7B8F50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8F50; -webkit-box-shadow:4px 4px  
4px 4px #7B8F50; box-shadow:4px 4px 4px  
4px #7B8F50 }
```

# Background

The CSS property to change the background color of an element to Hex 7B8F50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8F50 }
```

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

```
.background{ background-color:#7B8F50 }
```

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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