

# Converting Colors

Hex(7B8E0E)

Have a look what the booklet for  
Hex(7B8E0E) contains.

<b>Hex(7B8E0E)</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(7B8E0E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B8E0E
RGB	123, 142, 14
RGB Percent	48%, 56%, 5%
CMY	0.5176, 0.4431, 0.9451
CMYK	0.13, 0.00, 0.90, 0.44
HSL	69°, 82%, 31%
HSV	69°, 90%, 56%
XYZ	17.9206, 23.5887, 4.0240
YIQ	121.7270, 29.7640, -43.8360

# Conversions

## Conversions Part 2

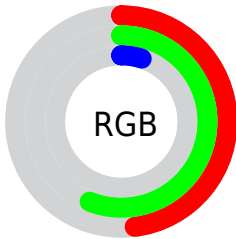
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 142, 33
Decimal	8097294
CIE <sub>Lab</sub>	55.67, -22.23, 56.96
CIE <sub>LCh</sub>	56, 61.140, 111.319
Yxy	23.5887, 0.3936, 0.5181
Android (android.graphics.Color)	4286287374 (0xFF7B8E0E)
YUV	121.7270, -53.1094, 1.1164
Hunter-Lab	48.5682, -19.1315, 29.0854

# Details

The Hex color **7B8E0E** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **210E8E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B3C44B**, and **465C00** is the 20% darker color. If you saturate the color by 10%, you get **798E00**, and if you desaturate by 10%, it is **7D8E1C**.

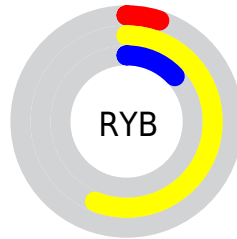
# Distribution



Red (48%)

Green (56%)

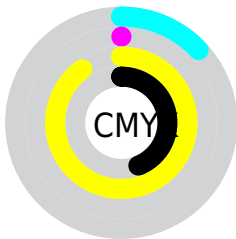
Blue (5%)



Red (5%)

Yellow (56%)

Blue (13%)

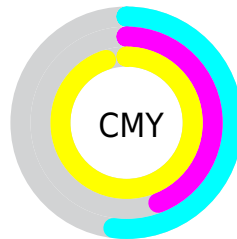


Cyan (13%)

Magenta (0%)

Yellow (90%)

Black (44%)



Cyan (52%)

Magenta (44%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B8E0E 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 7B8E0E by changing the saturation by 10% instead.





7B8E0E



7B8E0E

FFFFFF



607400



B3C44B



465C00



CFE066



2C4400



EDFC80



112E00



FFFF9C



001B00



FFFFB8



000000



FFFFD4



FFFFF1



7B8E0E



7B8E0E

■ 798E00

■ 7D8E1C

■ 7F8E2A

■ 818E39

■ 838E47

■ 868E55

■ 888E63

■ 8A8E71

■ 8C8E80

■ 8E8E8E

# Harmonies

## Analogous

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



AC7D06



7B8E0E



34983E

# Triad

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



7B8E0E



009AD8



DD5297

# Complementary

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



7B8E0E



210E8E

# 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.



B666C8



7B8E0E



0090EF

# Square

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



7B8E0E



009EAA



667EE9



E45362

# Rectangle

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



7B8E0E



009C61



667EE9



D457A9



# Sweetspot

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



7B8E0E



B0B886



8E1F0E



575C3E



DBDBDB



5C5C5C



# Same Dimension

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



7B8E0E



9CB800



3D8E0E



464740



738700



070800



# Inverse Universe

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



210E8E



1B00B8



5F0E8E



414047



140087



010008



# Previews

## White Background



This preview shows how the Hex color 7B8E0E looks on a white background.

## Color Contrast Check

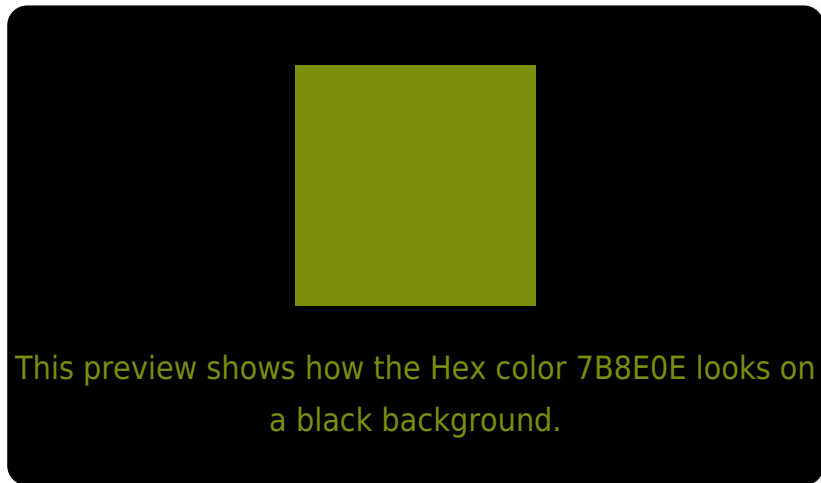
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B8E0E Background



This preview shows how black text looks on a background with the Hex color 7B8E0E.



This preview shows how white text looks on a background with the Hex color 7B8E0E.

# 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**  
86848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B8E0E 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 #7B8E0E looks like.

```
.text, #text, p{  
    color:#7B8E0E  
}
```

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 #7B8E0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8E0E
}
```

## Border

The CSS property to change the border of an element to Hex 7B8E0E 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
#7B8E0E }
```

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

```
.border{ border-color:#7B8E0E }
```

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

Here you see how a box with a 4 pixel #7B8E0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8E0E; -webkit-box-shadow:4px 4px  
4px 4px #7B8E0E; box-shadow:4px 4px 4px  
4px #7B8E0E }
```

# Background

The CSS property to change the background color of an element to Hex 7B8E0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8E0E }
```

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

```
.background{ background-color:#7B8E0E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor