

Converting Colors

Hex(7B8C3B)

Have a look what the booklet for
Hex(7B8C3B) contains.

Hex(7B8C3B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7B8C3B)

Conversions

Conversions Part 1

Format	Color
Hex	7B8C3B
RGB	123, 140, 59
RGB Percent	48%, 55%, 23%
CMY	0.5176, 0.4510, 0.7686
CMYK	0.12, 0.00, 0.58, 0.45
HSL	73°, 41%, 39%
HSV	73°, 58%, 55%
XYZ	18.3359, 23.2829, 7.6653
YIQ	125.6830, 15.8690, -28.7950

Conversions

Conversions Part 2

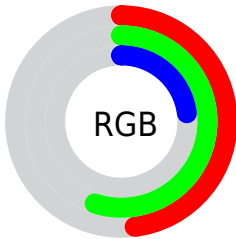
Format	Color
RYB	59, 140, 76
Decimal	8096827
CIELab	55.36, -18.69, 40.46
CIELCh	55, 44.565, 114.796
Yxy	23.2829, 0.3720, 0.4724
Android (android.graphics.Color)	4286286907 (0xFF7B8C3B)
YUV	125.6830, -32.8747, -2.3530
Hunter-Lab	48.2523, -16.6116, 24.3579

Details

The Hex color **7B8C3B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4C3B8C**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B1C26D**, and **485A06** is the 20% darker color. If you saturate the color by 10%, you get **788C2D**, and if you desaturate by 10%, it is **7E8C49**.

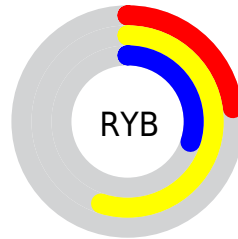
Distribution



Red (48%)

Green (55%)

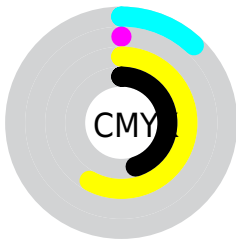
Blue (23%)



Red (23%)

Yellow (55%)

Blue (30%)

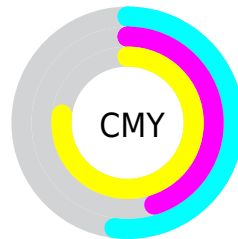


Cyan (12%)

Magenta (0%)

Yellow (58%)

Black (45%)



Cyan (52%)

Magenta (45%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B8C3B 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 7B8C3B by changing the saturation by 10% instead.

 7B8C3B

 7B8C3B

FFFFFF

 617222


 B1C26D

 485A06

 CDDD87

 304200

 EAFAA2

 172C00

 FFFFBE

 001A00

 FFFFDA

 000000

 FFFFF7

 7B8C3B

 7B8C3B

 788C2D

 7E8C49

 758C1F

 818C57

 728C11

 848C65

 6F8C03

 878C73

 6F8C00

 8A8C81

 8D8C8F

 908C9D

 938CAB

 958CB9

Harmonies

Analogous

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



A18035



7B8C3B



4B9456

Triad

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



7B8C3B



0094C3



C8648D

Complementary

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



7B8C3B



4C3B8C

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.



AE6EB2



7B8C3B



1E8BD1

Square

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



7B8C3B



0098A4



7C7DCB



CC6666

Rectangle

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



7B8C3B



0F976F



7C7DCB



C2669A

Sweetspot

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



7B8C3B



AFB596



8C4B3B



585C49



DBDBDB



5C5C5C

Same Dimension

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



7B8C3B



9BB538



538C3B



43453E



698500



040500

Inverse Universe

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



4C3B8C



5238B5



743B8C



3F3E45



1C0085



010005

Previews

White Background



This preview shows how the Hex color 7B8C3B looks on a white background.

Color Contrast Check

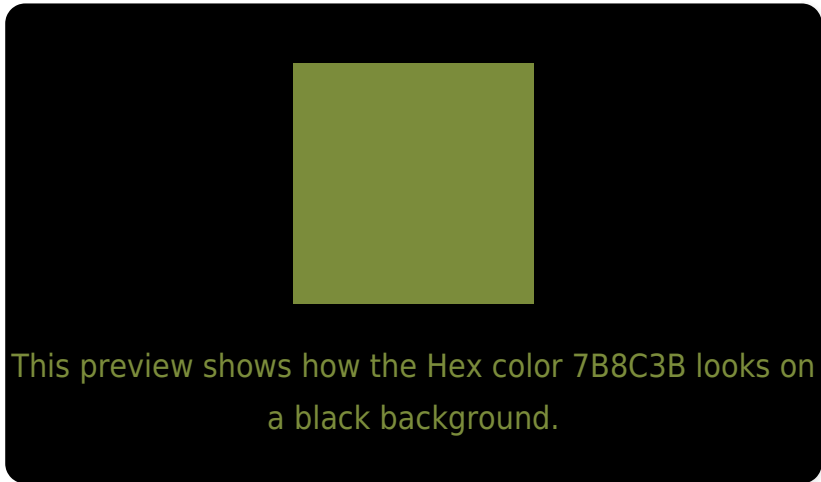
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B8C3B Background



This preview shows how black text looks on a background with the Hex color 7B8C3B.



This preview shows how white text looks on a background with the Hex color 7B8C3B.

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
84838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B8C3B 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 #7B8C3B looks like.

```
.text, #text, p{  
    color:#7B8C3B  
}
```

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 #7B8C3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8C3B
}
```

Border

The CSS property to change the border of an element to Hex 7B8C3B 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
#7B8C3B }
```

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

```
.border{ border-color:#7B8C3B }
```

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

Here you see how a box with a 4 pixel #7B8C3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8C3B; -webkit-box-shadow:4px 4px  
4px 4px #7B8C3B; box-shadow:4px 4px 4px  
4px #7B8C3B }
```

Background

The CSS property to change the background color of an element to Hex 7B8C3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8C3B }
```

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

```
.background{ background-color:#7B8C3B }
```

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