

Converting Colors

Hex(68883B)

Have a look what the booklet for
Hex(68883B) contains.

Hex(68883B)	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(68883B)

Conversions

Conversions Part 1

Format	Color
Hex	68883B
RGB	104, 136, 59
RGB Percent	41%, 53%, 23%
CMY	0.5922, 0.4667, 0.7686
CMYK	0.24, 0.00, 0.57, 0.47
HSL	85°, 39%, 38%
HSV	85°, 57%, 53%
XYZ	15.3025, 20.8671, 7.3589
YIQ	117.6540, 5.6450, -30.7310

Conversions

Conversions Part 2

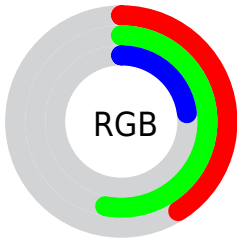
Format	Color
RYB	59, 136, 91
Decimal	6850619
CIELab	52.80, -24.56, 37.16
CIElCh	53, 44.544, 123.464
Yxy	20.8671, 0.3516, 0.4794
Android (android.graphics.Color)	4285040699 (0xFF68883B)
YUV	117.6540, -28.9164, -11.9746
Hunter-Lab	45.6806, -20.1454, 22.4251

Details

The Hex color **68883B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5B3B88**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **9DBD6D**, and **365608** is the 20% darker color. If you saturate the color by 10%, you get **62882D**, and if you desaturate by 10%, it is **6E8849**.

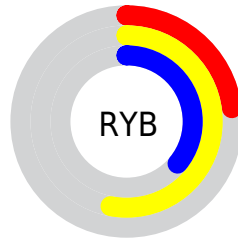
Distribution



Red (41%)

Green (53%)

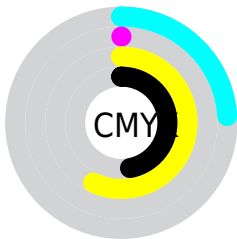
Blue (23%)



Red (23%)

Yellow (53%)

Blue (36%)

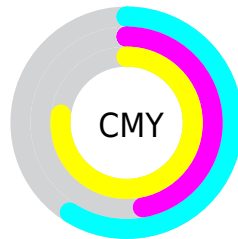


Cyan (24%)

Magenta (0%)

Yellow (57%)

Black (47%)



Cyan (59%)

Magenta (47%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68883B 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 68883B by changing the saturation by 10% instead.



68883B



68883B

FFFFFF



4F6F23



9DBD6D



365608



B9D987



1E3E00



D5F6A1



022800



F2FFBD



001100



FFFFD9



000000



FFFFF6



68883B



68883B



62882D



6E8849

■ 5D8820

■ 738856

■ 578812

■ 798864

■ 518805

■ 7F8871

■ 4F8800

■ 84887F

■ 8A888D

■ 90889A

■ 9588A8

■ 9B88B5

Harmonies

Analogous

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



907D2E



68883B



318E5A

Triad

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



68883B



008BC2



C45C7B

Complementary

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



68883B



5B3B88

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.



B163A1



68883B



3C81CA

Square

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



68883B



0090A7



8672BE



C26256

Rectangle

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



68883B



009174



8672BE



C05D88

Sweetspot

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



68883B



A4B092



885A3B



525947



D9D9D9



595959

Same Dimension

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



68883B



7EB038



43883B



42453E



4D8500



030500

Inverse Universe

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



5B3B88



6A38B0



803B88



413E45



370085



020005

Previews

White Background



This preview shows how the Hex color 68883B looks on a white background.

Color Contrast Check

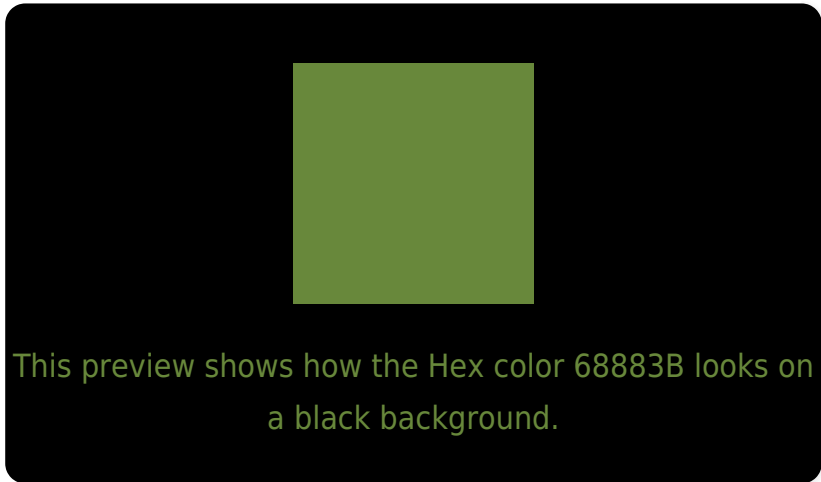
Large Text (above 18pt) WCAG AA ✓ Pass

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

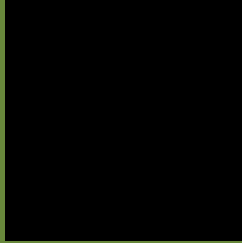
Any Text WCAG AA ✓ Pass

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 68883B Background



This preview shows how black text looks on a background with the Hex color 68883B.



This preview shows how white text looks on a background with the Hex color 68883B.

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



Original Color
68883B

Protanopia
8C7E38

Deuteranopia
9B783F

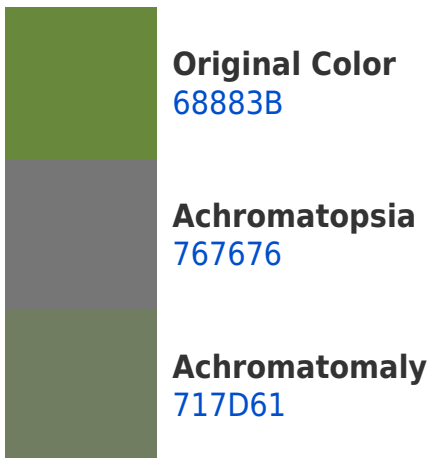


Tritanopia
72808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68883B 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 #68883B looks like.

```
.text, #text, p{  
    color:#68883B  
}
```

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 #68883B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68883B
}
```

Border

The CSS property to change the border of an element to Hex 68883B 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
#68883B }
```

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

```
.border{ border-color:#68883B }
```

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

Here you see how a box with a 4 pixel #68883B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68883B; -webkit-box-shadow:4px 4px  
4px 4px #68883B; box-shadow:4px 4px 4px  
4px #68883B }
```

Background

The CSS property to change the background color of an element to Hex 68883B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68883B }
```

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

```
.background{ background-color:#68883B }
```

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