

Converting Colors

Hex(8B8F36)

Have a look what the booklet for
Hex(8B8F36) contains.

Hex(8B8F36)	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(8B8F36)

Conversions

Conversions Part 1

Format	Color
Hex	8B8F36
RGB	139, 143, 54
RGB Percent	55%, 56%, 21%
CMY	0.4549, 0.4392, 0.7882
CMYK	0.03, 0.00, 0.62, 0.44
HSL	63°, 45%, 39%
HSV	63°, 62%, 56%
XYZ	21.1358, 25.4002, 7.2788
YIQ	131.6580, 26.1850, -28.5270

Conversions

Conversions Part 2

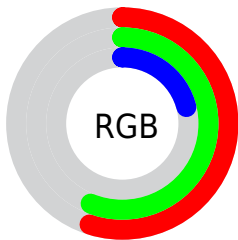
Format	Color
RYB	54, 143, 58
Decimal	9146166
CIELab	57.46, -13.73, 45.49
CIELCh	57, 47.518, 106.796
Yxy	25.4002, 0.3928, 0.4720
Android (android.graphics.Color)	4287336246 (0xFF8B8F36)
YUV	131.6580, -38.2854, 6.4389
Hunter-Lab	50.3986, -13.3397, 26.7161

Details

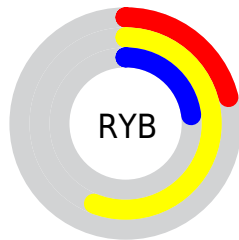
The Hex color **8B8F36** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3A368F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **C3C569**, and **565D00** is the 20% darker color. If you saturate the color by 10%, you get **8A8F28**, and if you desaturate by 10%, it is **8C8F44**.

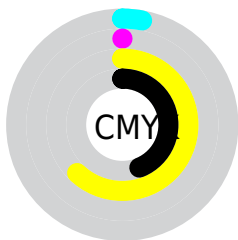
Distribution



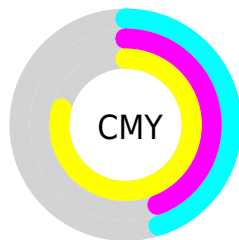
- Red (55%)
- Green (56%)
- Blue (21%)



- Red (21%)
- Yellow (56%)
- Blue (23%)



- Cyan (3%)
- Magenta (0%)
- Yellow (62%)
- Black (44%)



- Cyan (45%)
- Magenta (44%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B8F36 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 8B8F36 by changing the saturation by 10% instead.



8B8F36



8B8F36

FFFFFF



70751C



C3C569



565D00



DFE183



3E4500



FDFD9E



242F00



FFFFB9



061B00



FFFFD6



000000



FFFFFF2



8B8F36



8B8F36



8A8F28



8C8F44

 8A8F19

 8C8F53

 898F0B

 8D8F61

 898F00

 8E8F6F

 8E8F7E

 8F8F8C

 8F8F9A

 908FA8

 918FB7

Harmonies

Analogous

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



B18137



8B8F36



5B984F

Triad

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



8B8F36



009CC6



CD689E

Complementary

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



8B8F36



3A368F

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.



AA76C3



8B8F36



0094DA

Square

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



8B8F36



009FA1



6D86D9



D76774

Rectangle

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



8B8F36



2C9C68



6D86D9



C46CAC

Sweetspot

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



8B8F36



B9BA97



8F3936



5D5E49



DEDEDE



5E5E5E

Same Dimension

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



8B8F36



B4BA2F



608F36



474740



818700



070800

Inverse Universe

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



3A368F



352FBA



65368F



414047



060087



000008

Previews

White Background



This preview shows how the Hex color 8B8F36 looks on a white background.

Color Contrast Check

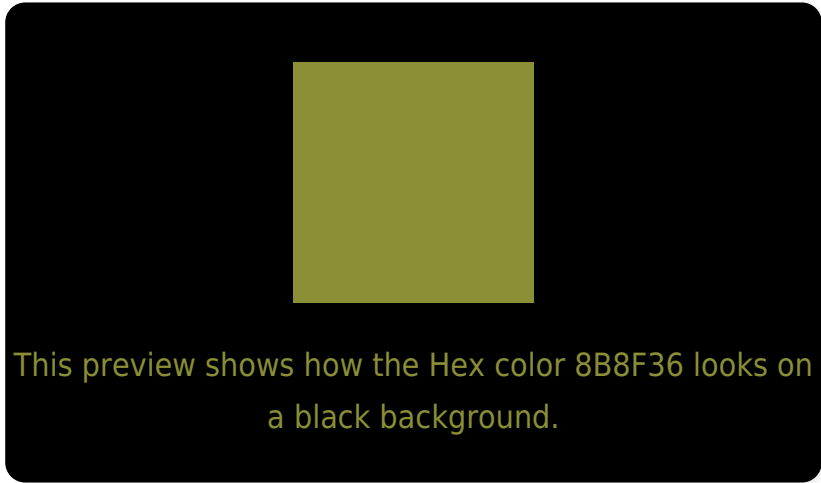
Large Text (above 18pt) WCAG AA ✓ Pass

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

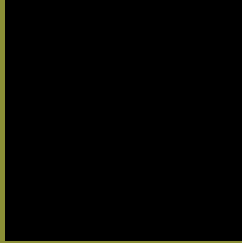
Any Text WCAG AA ✓ Pass

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 8B8F36 Background



This preview shows how black text looks on a background with the Hex color 8B8F36.



This preview shows how white text looks on a background with the Hex color 8B8F36.

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
8B8F36

Protanopia
9A8A35

Deuteranopia
AB833A



Tritanopia
948690

Trichromacy



Original Color
8B8F36

Protanomaly
958C35

Deuteranomaly
9F8739

Tritanomaly
91896F

Monochromacy



Original Color
8B8F36

Achromatopsia
848484

Achromatomaly
878868

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B8F36 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 #8B8F36 looks like.

```
.text, #text, p{  
    color:#8B8F36  
}
```

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 #8B8F36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B8F36  
}
```

Border

The CSS property to change the border of an element to Hex 8B8F36 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  
#8B8F36 }
```

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

```
.border{ border-color:#8B8F36 }
```

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

Here you see how a box with a 4 pixel #8B8F36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B8F36; -webkit-box-shadow:4px 4px  
4px 4px #8B8F36; box-shadow:4px 4px 4px  
4px #8B8F36 }
```

Background

The CSS property to change the background color of an element to Hex 8B8F36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B8F36 }
```

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

```
.background{ background-color:#8B8F36 }
```

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