

Converting Colors

Hex(8B8B00)

Have a look what the booklet for
Hex(8B8B00) contains.

Hex(8B8B00)	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(8B8B00)

Conversions

Conversions Part 1

Format	Color
Hex	8B8B00
RGB	139, 139, 0
RGB Percent	55%, 55%, 0%
CMY	0.4549, 0.4549, 1.0000
CMYK	0.00, 0.00, 1.00, 0.45
HSL	60°, 100%, 27%
HSV	60°, 100%, 55%
XYZ	19.8801, 23.9542, 3.5758
YIQ	123.1540, 44.6190, -43.2290

Conversions

Conversions Part 2

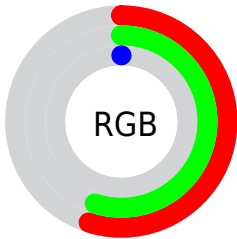
Format	Color
RYB	0, 139, 0
Decimal	9145088
CIELab	56.04, -13.73, 60.16
CIElCh	56, 61.709, 102.852
Yxy	23.9542, 0.4193, 0.5053
Android (android.graphics.Color)	4287335168 (0xFF8B8B00)
YUV	123.1540, -60.7149, 13.8969
Hunter-Lab	48.9430, -13.1457, 29.9283

Details

The Hex color **8B8B00** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **00008B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **C4C045**, and **555900** is the 20% darker color. If you saturate the color by 10%, you get **8B8B00**, and if you desaturate by 10%, it is **8B8B0E**.

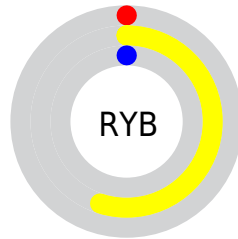
Distribution



Red (55%)

Green (55%)

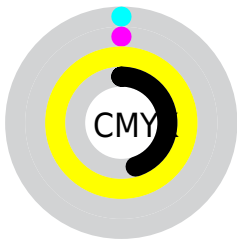
Blue (0%)



Red (0%)

Yellow (55%)

Blue (0%)

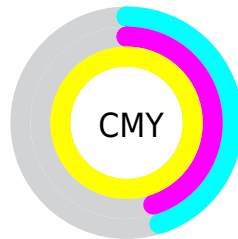


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B8B00 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 8B8B00 by changing the saturation by 10% instead.

 8B8B00

 8B8B00

FFFFFF

 6F7200

 C4C045

 555900

 E1DC60

 3A4200

 FFF87B

 212C00

 FFFF97

 001900

 FFFFB2

 000000

 FFFFCE

 FFFFEC

 8B8B00

 8B8B0E

 8B8B1C

 8B8B2A

 8B8B38

 8B8B46

 8B8B53

 8B8B61

 8B8B6F

 8B8B7D

Harmonies

Analogous

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



BA7812



8B8B00



4E9731

Triad

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



8B8B00



009DCE



D756A7

Complementary

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



8B8B00



00008B

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.



A66DD6



8B8B00



0095ED

Square

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



8B8B00



009F9D



3D85EF



E75172

Rectangle

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



8B8B00



009C53



3D85EF



CB5DB8

Sweetspot

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



8B8B00



B5B57F



8B0000



5C5C3B



DBDBDB



5C5C5C

Same Dimension

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



8B8B00



B5B500



468B00



45453E



858500



050500

Inverse Universe

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



00008B



0000B5



46008B



3E3E45



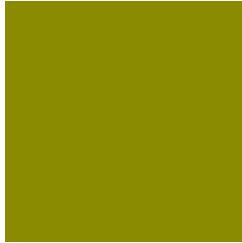
000085



000005

Previews

White Background



This preview shows how the Hex color 8B8B00 looks on a white background.

Color Contrast Check

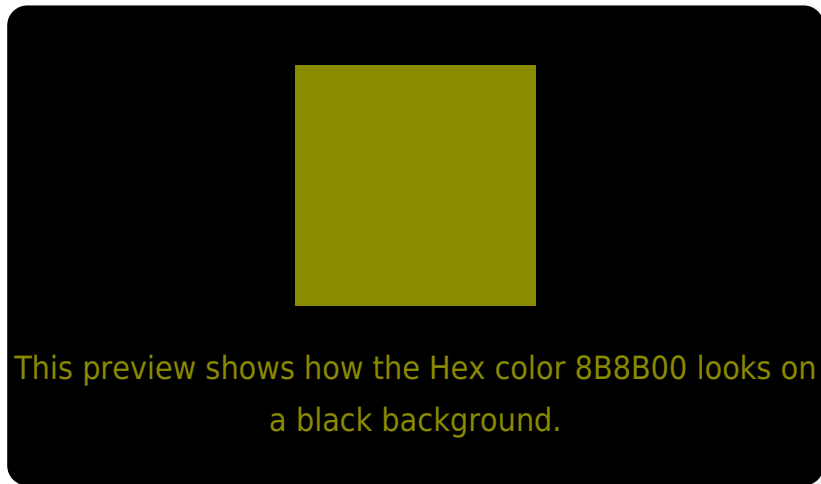
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B8B00 Background



This preview shows how black text looks on a background with the Hex color 8B8B00.



This preview shows how white text looks on a background with the Hex color 8B8B00.

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
8B8B00

Protanopia
988700

Deuteranopia
AA7F15

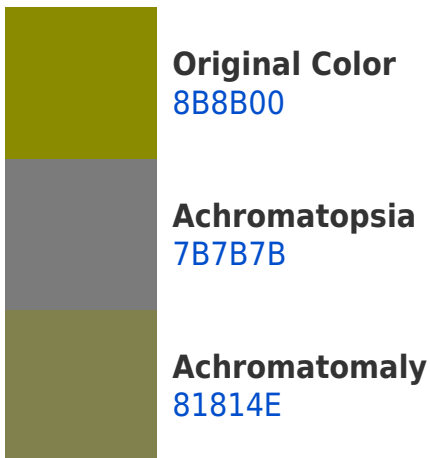


Tritanopia
94818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8B8B00 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 #8B8B00 looks like.

```
.text, #text, p{  
    color:#8B8B00  
}
```

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 #8B8B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B8B00
}
```

Border

The CSS property to change the border of an element to Hex 8B8B00 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
#8B8B00 }
```

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

```
.border{ border-color:#8B8B00 }
```

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

Here you see how a box with a 4 pixel #8B8B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B8B00; -webkit-box-shadow:4px 4px  
4px 4px #8B8B00; box-shadow:4px 4px 4px  
4px #8B8B00 }
```

Background

The CSS property to change the background color of an element to Hex 8B8B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B8B00 }
```

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

```
.background{ background-color:#8B8B00 }
```

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