

Converting Colors

Hex(8B4903)

Have a look what the booklet for
Hex(8B4903) contains.

Hex(8B4903)	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(8B4903)

Conversions

Conversions Part 1

Format	Color
Hex	8B4903
RGB	139, 73, 3
RGB Percent	55%, 29%, 1%
CMY	0.4549, 0.7137, 0.9882
CMYK	0.00, 0.47, 0.98, 0.45
HSL	31°, 96%, 28%
HSV	31°, 98%, 55%
XYZ	13.0464, 10.2606, 1.3790
YIQ	84.7540, 61.8060, -7.7780

Conversions

Conversions Part 2

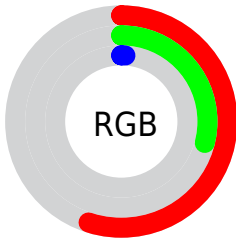
Format	Color
RYB	131, 139, 3
Decimal	9128195
CIELab	38.31, 23.84, 47.01
CIELCh	38, 52.713, 63.107
Yxy	10.2606, 0.5285, 0.4156
Android (android.graphics.Color)	4287318275 (0xFF8B4903)
YUV	84.7540, -40.3047, 47.5737
Hunter-Lab	32.0322, 16.6451, 19.8700

Details

The Hex color **8B4903** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **03458B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **C67A39**, and **521B00** is the 20% darker color. If you saturate the color by 10%, you get **8B4800**, and if you desaturate by 10%, it is **8B5011**.

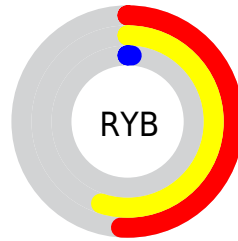
Distribution



Red (55%)

Green (29%)

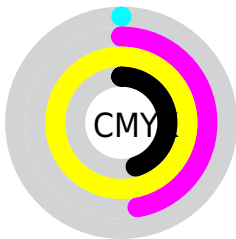
Blue (1%)



Red (51%)

Yellow (55%)

Blue (1%)

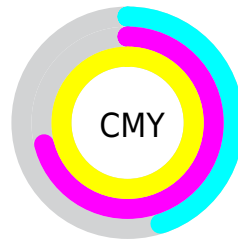


Cyan (0%)

Magenta (47%)

Yellow (98%)

Black (45%)



Cyan (45%)

Magenta (71%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B4903 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 8B4903 by changing the saturation by 10% instead.

 8B4903

 8B4903

 FFFFF4

 6F3200

 C67A39

 521B00

 E49451

 370500

 FFAF6B

 1E0001

 FFCB85

 000000

 FFE7A0

 FFFFBB

 FFFFDD

 8B4903

 8B4903

■ 8B4800

■ 8B5011

■ 8B561F

■ 8B5D2D

■ 8B643B

■ 8B6B49

■ 8B7156

■ 8B7864

■ 8B7F72

■ 8B8680

Harmonies

Analogous

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



A1352E



8B4903



695A00

Triad

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



8B4903



006D5E



5E4DA2

Complementary

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



8B4903



03458B

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.



005EB0



8B4903



006D88

Square

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



8B4903



006B31



0068A6



903782

Rectangle

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



8B4903



4E6200



0068A6



4253A9

Sweetspot

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



8B4903



B59C81



8B0347



5C4C3C



DBDBDB



5C5C5C

Same Dimension

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



8B4903



B55D00



8B8B03



45423E



854400



050300

Inverse Universe

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



03458B



0058B5



03038B



3E4145



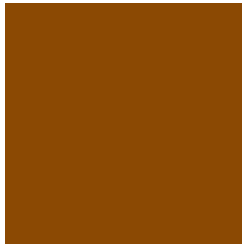
004085



000205

Previews

White Background



This preview shows how the Hex color 8B4903 looks on a white background.

Color Contrast Check

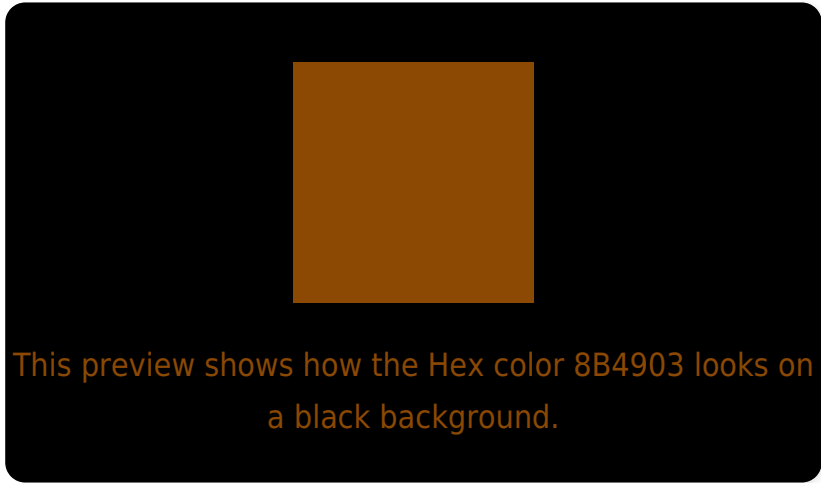
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8B4903 Background



This preview shows how black text looks on a background with the Hex color 8B4903.



This preview shows how white text looks on a background with the Hex color 8B4903.

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
8B4903

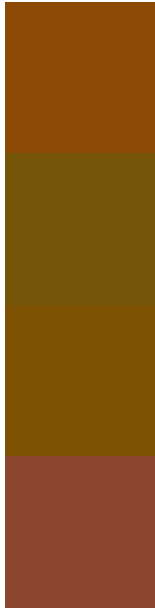
Protanopia
675B0C

Deuteranopia
735600



Tritanopia
8D4449

Trichromacy



Original Color
8B4903

Protanomaly
745409

Deuteranomaly
7C5101

Tritanomaly
8C4630

Monochromacy



Original Color
8B4903

Achromatopsia
555555

Achromatomaly
695137

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B4903 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 #8B4903 looks like.

```
.text, #text, p{  
    color:#8B4903  
}
```

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 #8B4903 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B4903
}
```

Border

The CSS property to change the border of an element to Hex 8B4903 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
#8B4903 }
```

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

```
.border{ border-color:#8B4903 }
```

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

Here you see how a box with a 4 pixel #8B4903 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B4903; -webkit-box-shadow:4px 4px  
4px 4px #8B4903; box-shadow:4px 4px 4px  
4px #8B4903 }
```

Background

The CSS property to change the background color of an element to Hex 8B4903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B4903 }
```

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

```
.background{ background-color:#8B4903 }
```

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