

# Converting Colors

Hex(8B8923)

Have a look what the booklet for  
Hex(8B8923) contains.

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**Color**

**Hex(8B8923)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B8923
RGB	139, 137, 35
RGB Percent	55%, 54%, 14%
CMY	0.4549, 0.4627, 0.8627
CMYK	0.00, 0.01, 0.75, 0.45
HSL	59°, 60%, 34%
HSV	59°, 75%, 55%
XYZ	19.8965, 23.5016, 5.0777
YIQ	125.9700, 33.9340, -31.2980

# Conversions

## Conversions Part 2

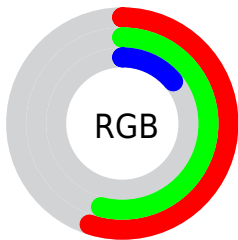
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 139, 35
Decimal	9144611
CIE Lab	55.59, -11.68, 51.43
CIE LCh	56, 52.743, 102.790
Yxy	23.5016, 0.4104, 0.4848
Android (android.graphics.Color)	4287334691 (0xFF8B8923)
YUV	125.9700, -44.8482, 11.4273
Hunter-Lab	48.4785, -11.5776, 27.7248

# Details

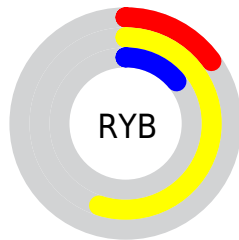
The Hex color **8B8923** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **23258B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **C3BE58**, and **555700** is the 20% darker color. If you saturate the color by 10%, you get **8B8915**, and if you desaturate by 10%, it is **8B8931**.

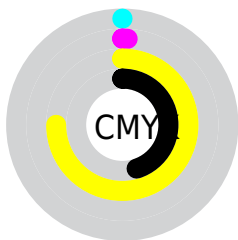
# Distribution



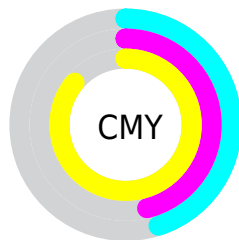
- Red (55%)
- Green (54%)
- Blue (14%)



- Red (15%)
- Yellow (55%)
- Blue (14%)



- Cyan (0%)
- Magenta (1%)
- Yellow (75%)
- Black (45%)



- Cyan (45%)
- Magenta (46%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B8923 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 8B8923 by changing the saturation by 10% instead.





8B8923



8B8923

FFFFFF



707000



C3BE58



555700



E0DA72



3C4000



FEF68D



232B00



FFFFA8



011700



FFFC4



000000



FFFFE0

FFFFFFE



8B8923



8B8923

■ 8B8915

■ 8B8931

■ 8B8807

■ 8B8A3F

■ 8B8800

■ 8B8A4D

■ 8B8A5B

■ 8B8A69

■ 8B8B76

■ 8B8B84

■ 8B8B92

■ 8B8BA0

# Harmonies

## Analogous

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



B37929



8B8923



58943E

# Triad

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



8B8923



0099C2



CB5FA1

# Complementary

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



8B8923



23258B

# 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.



A171C9



8B8923



0091DC

# Square

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



8B8923



009B98



5284DF



D95B73

# Rectangle

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



8B8923



1F9859



5284DF



C064B0



# Sweetspot

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



8B8923



B5B48D



8B2326



5C5B44



DBDBDB



5C5C5C



# Same Dimension

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



8B8923



B5B212



5A8B23



45453E



858200



050500



# Inverse Universe

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



23258B



1215B5



54238B



3E3E45



000385



000005



# Previews

## White Background



This preview shows how the Hex color 8B8923 looks on a white background.

## Color Contrast Check

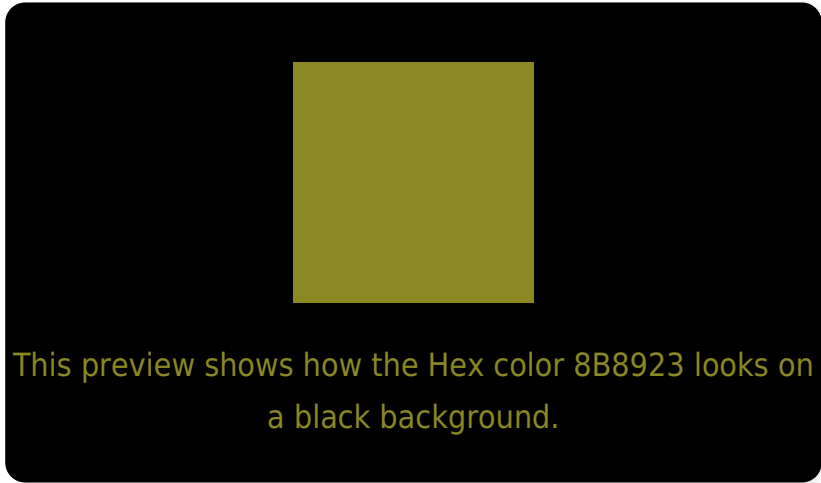
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B8923 Background



This preview shows how black text looks on a background with the Hex color 8B8923.



This preview shows how white text looks on a background with the Hex color 8B8923.

# 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**  
8B8923

**Protanopia**  
968522

**Deuteranopia**  
A77E28



**Tritanopia**  
94808A

# Trichromacy



**Original Color**  
8B8923

**Protanomaly**  
928622

**Deuteranomaly**  
9D8226

**Tritanomaly**  
918365

# Monochromacy



**Original Color**  
8B8923

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
83825D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B8923 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 #8B8923 looks like.

```
.text, #text, p{  
    color:#8B8923  
}
```

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 #8B8923 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B8923
}
```

## Border

The CSS property to change the border of an element to Hex 8B8923 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
#8B8923 }
```

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

```
.border{ border-color:#8B8923 }
```

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

Here you see how a box with a 4 pixel #8B8923 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B8923; -webkit-box-shadow:4px 4px  
4px 4px #8B8923; box-shadow:4px 4px 4px  
4px #8B8923 }
```

# Background

The CSS property to change the background color of an element to Hex 8B8923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B8923 }
```

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

```
.background{ background-color:#8B8923 }
```

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](#).



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