

# Converting Colors

Hex(8B8D1A)

Have a look what the booklet for  
Hex(8B8D1A) contains.

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**Color**

**Hex(8B8D1A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B8D1A
RGB	139, 141, 26
RGB Percent	55%, 55%, 10%
CMY	0.4549, 0.4471, 0.8980
CMYK	0.01, 0.00, 0.82, 0.45
HSL	61°, 69%, 33%
HSV	61°, 82%, 55%
XYZ	20.3588, 24.6133, 4.6551
YIQ	127.2920, 35.7230, -36.1890

# Conversions

## Conversions Part 2

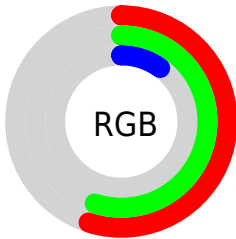
Format	Color
R <sub>Y</sub> B	26, 141, 28
Decimal	9145626
CIE Lab	56.70, -14.18, 55.41
CIE LCh	57, 57.192, 104.360
Yxy	24.6133, 0.4102, 0.4960
Android (android.graphics.Color)	4287335706 (0xFF8B8D1A)
YUV	127.2920, -49.9370, 10.2679
Hunter-Lab	49.6118, -13.5710, 29.1650

# Details

The Hex color **8B8D1A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **1C1A8D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **C3C252**, and **555B00** is the 20% darker color. If you saturate the color by 10%, you get **8B8D0C**, and if you desaturate by 10%, it is **8B8D28**.

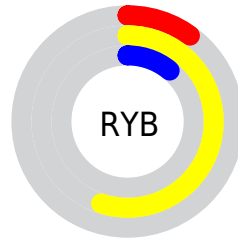
# Distribution



Red (55%)

Green (55%)

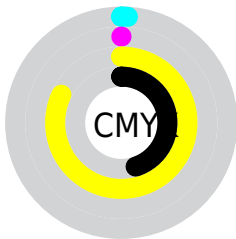
Blue (10%)



Red (10%)

Yellow (55%)

Blue (11%)

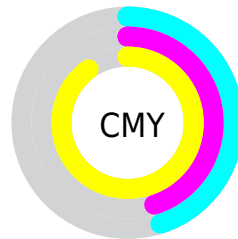


Cyan (1%)

Magenta (0%)

Yellow (82%)

Black (45%)



Cyan (45%)

Magenta (45%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B8D1A 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 8B8D1A by changing the saturation by 10% instead.





8B8D1A



8B8D1A

FFFFFF



707400



C3C252



555B00



E1DE6C



3B4400



FEFB87



222E00



FFFFA3



011A00



FFFFBE



000000



FFFADB



FFFFF8



8B8D1A



8B8D1A

 8B8D0C

 8B8D28

 8B8D00

 8B8D36

 8C8D44

 8C8D52

 8C8D61

 8C8D6F

 8D8D7D

 8D8D8B

 8D8D99

# Harmonies

## Analogous

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



B77C20



8B8D1A



52983C

# Triad

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



8B8D1A



009DCD



D55DA4

# Complementary

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



8B8D1A



1C1A8D

# 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.



A970D0



8B8D1A



0095E8

# Square

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



8B8D1A



00A09F



5385E9



E25972

# Rectangle

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



8B8D1A



009D5B



5385E9



CA62B4



# Sweetspot

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



8B8D1A



B7B88C



8D1C1A



5B5C41



DBDBDB



5C5C5C



# Same Dimension

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



8B8D1A



B4B804



528D1A



474740



858700



080800



# Inverse Universe

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



1C1A8D



0704B8



551A8D



404047



020087



000008



# Previews

## White Background



This preview shows how the Hex color 8B8D1A looks on a white background.

## Color Contrast Check

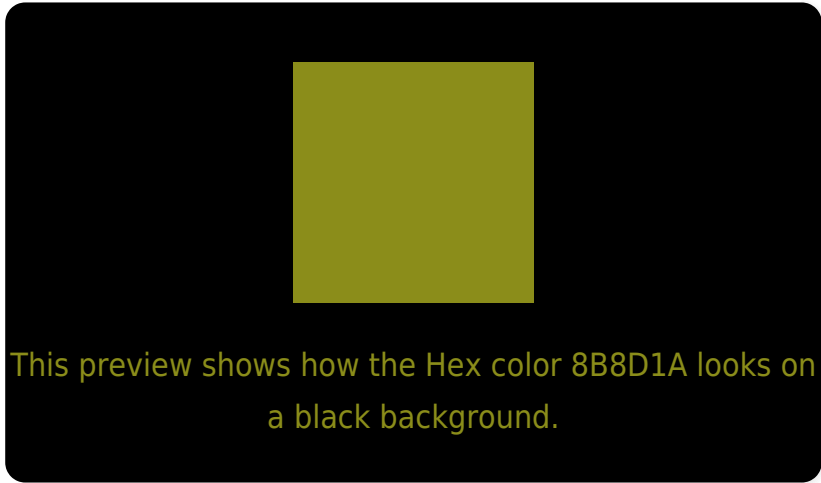
Large Text (above 18pt) WCAG AA ✓ Pass

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

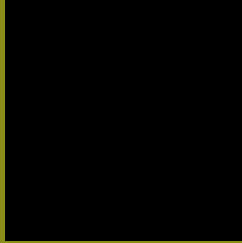
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8B8D1A Background



This preview shows how black text looks on a background with the Hex color 8B8D1A.



This preview shows how white text looks on a background with the Hex color 8B8D1A.

# 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**  
8B8D1A

**Protanopia**  
998819

**Deuteranopia**  
AB8121



**Tritanopia**  
94838E

# Trichromacy



**Original Color**  
8B8D1A

**Protanomaly**  
948A19

**Deuteranomaly**  
9F851E

**Tritanomaly**  
918764

# Monochromacy



**Original Color**  
8B8D1A

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
83845A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B8D1A 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 #8B8D1A looks like.

```
.text, #text, p{  
    color:#8B8D1A  
}
```

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 #8B8D1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B8D1A
}
```

## Border

The CSS property to change the border of an element to Hex 8B8D1A 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
#8B8D1A }
```

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

```
.border{ border-color:#8B8D1A }
```

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

Here you see how a box with a 4 pixel #8B8D1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B8D1A; -webkit-box-shadow:4px 4px  
4px 4px #8B8D1A; box-shadow:4px 4px 4px  
4px #8B8D1A }
```

# Background

The CSS property to change the background color of an element to Hex 8B8D1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B8D1A }
```

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

```
.background{ background-color:#8B8D1A }
```

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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