

# Converting Colors

Hex(8B8715)

Have a look what the booklet for  
Hex(8B8715) contains.

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# Color

Hex(8B8715)

# Conversions

## Conversions Part 1

Format	Color
Hex	8B8715
RGB	139, 135, 21
RGB Percent	55%, 53%, 8%
CMY	0.4549, 0.4706, 0.9176
CMYK	0.00, 0.03, 0.85, 0.45
HSL	58°, 74%, 31%
HSV	58°, 85%, 55%
XYZ	19.4468, 22.8711, 4.0991
YIQ	123.2000, 38.9780, -34.6060

# Conversions

## Conversions Part 2

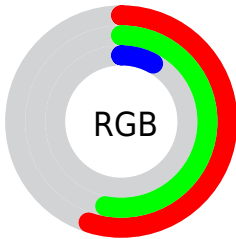
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 139, 21
Decimal	9144085
CIE <sub>Lab</sub>	54.94, -11.15, 55.28
CIE <sub>LCh</sub>	55, 56.391, 101.399
Yxy	22.8711, 0.4190, 0.4927
Android (android.graphics.Color)	4287334165 (0xFF8B8715)
YUV	123.2000, -50.3846, 13.8566
Hunter-Lab	47.8237, -11.1071, 28.3947

# Details

The Hex color **8B8715** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **15198B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **C4BC4E**, and **555600** is the 20% darker color. If you saturate the color by 10%, you get **8B8707**, and if you desaturate by 10%, it is **8B8723**.

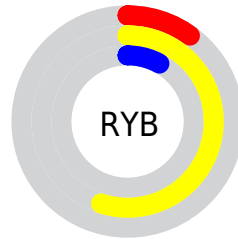
# Distribution



Red (55%)

Green (53%)

Blue (8%)



Red (10%)

Yellow (55%)

Blue (8%)

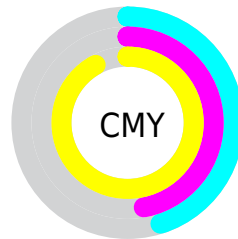


Cyan (0%)

Magenta (3%)

Yellow (85%)

Black (45%)



Cyan (45%)

Magenta (47%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B8715 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 8B8715 by changing the saturation by 10% instead.





8B8715



8B8715

FFFFFF



706E00



C4BC4E



555600



E1D868



3B3F00



FEF483



222900



FFFF9E



001600



FFFFBA



000000



FFFFD6



FFFFF3



8B8715



8B8715

■ 8B8707

■ 8B8723

■ 8B8600

■ 8B8831

■ 8B883F

■ 8B894D

■ 8B895A

■ 8B8A68

■ 8B8A76

■ 8B8B84

■ 8B8B92

# Harmonies

## Analogous

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



B57620



8B8715



559235

# Triad

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



8B8715



0099C3



CC5AA4

# Complementary

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



8B8715



15198B

# 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.



9E6ECD



8B8715



0091E0

# Square

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



8B8715



009B95



4183E4



DC5573

# Rectangle

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



8B8715



0E9752



4183E4



C060B3



# Sweetspot

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



8B8715



B5B488



8B151B



5C5B40



DBDBDB



5C5C5C



# Same Dimension

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



8B8715



B5AF00



568B15



45453E



858000



050500



# Inverse Universe

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



15198B



0006B5



4A158B



3E3E45



000485



000005



# Previews

## White Background



This preview shows how the Hex color 8B8715 looks on a white background.

## Color Contrast Check

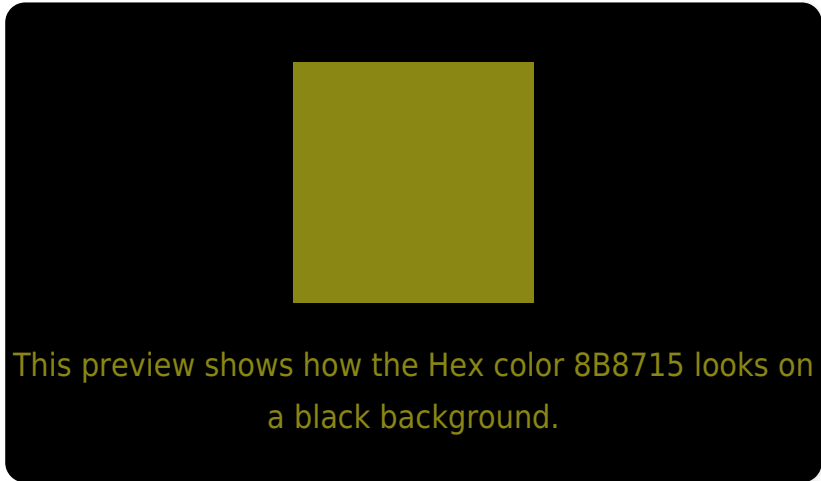
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B8715 Background



This preview shows how black text looks on a background with the Hex color 8B8715.



This preview shows how white text looks on a background with the Hex color 8B8715.

# 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**  
8B8715

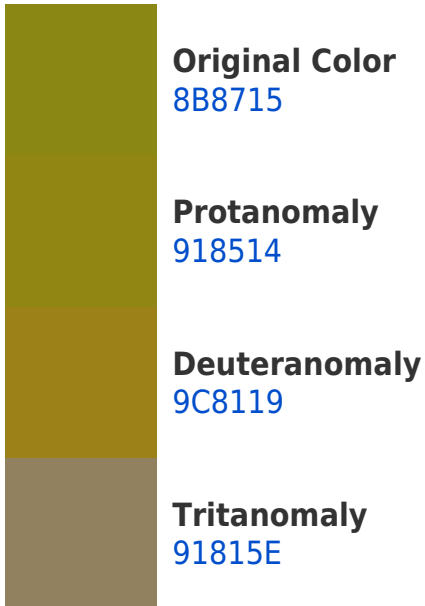
**Protanopia**  
948414

**Deuteranopia**  
A67D1C

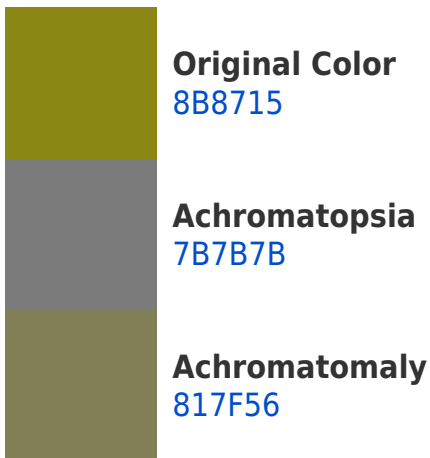


**Tritanopia**  
947E87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B8715 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 #8B8715 looks like.

```
.text, #text, p{  
    color:#8B8715  
}
```

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 #8B8715 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B8715
}
```

## Border

The CSS property to change the border of an element to Hex 8B8715 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
#8B8715 }
```

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

```
.border{ border-color:#8B8715 }
```

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

Here you see how a box with a 4 pixel #8B8715 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B8715; -webkit-box-shadow:4px 4px  
4px 4px #8B8715; box-shadow:4px 4px 4px  
4px #8B8715 }
```

# Background

The CSS property to change the background color of an element to Hex 8B8715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B8715 }
```

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

```
.background{ background-color:#8B8715 }
```

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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