

# Converting Colors

Hex(8C8617)

Have a look what the booklet for  
Hex(8C8617) contains.

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**Color**

**Hex(8C8617)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C8617
RGB	140, 134, 23
RGB Percent	55%, 53%, 9%
CMY	0.4510, 0.4745, 0.9098
CMYK	0.00, 0.04, 0.84, 0.45
HSL	57°, 72%, 32%
HSV	57°, 84%, 55%
XYZ	19.4950, 22.6875, 4.1622
YIQ	123.1400, 39.2070, -33.2490

# Conversions

## Conversions Part 2

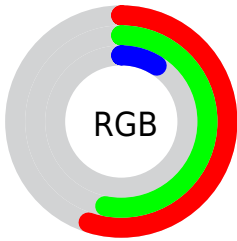
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 140, 23
Decimal	9209367
CIE <sub>Lab</sub>	54.75, -10.08, 54.61
CIE <sub>LCh</sub>	55, 55.531, 100.460
Yxy	22.6875, 0.4207, 0.4895
Android (android.graphics.Color)	4287399447 (0xFF8C8617)
YUV	123.1400, -49.3690, 14.7862
Hunter-Lab	47.6314, -10.2970, 28.1610

# Details

The Hex color **8C8617** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **171D8C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **C5BB4F**, and **565500** is the 20% darker color. If you saturate the color by 10%, you get **8C8509**, and if you desaturate by 10%, it is **8C8725**.

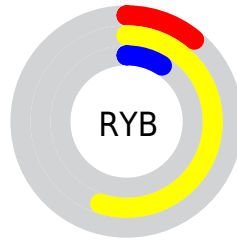
# Distribution



Red (55%)

Green (53%)

Blue (9%)



Red (11%)

Yellow (55%)

Blue (9%)

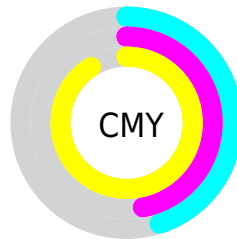


Cyan (0%)

Magenta (4%)

Yellow (84%)

Black (45%)



Cyan (45%)

Magenta (47%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C8617 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 8C8617 by changing the saturation by 10% instead.





8C8617



8C8617

FFFFFF



716D00



C5BB4F



565500



E2D769



3C3E00



FFF384



232800



FFFF9F



001500



FFFFBB



000000



FFFFD7



FFFFF4



8C8617



8C8617

■ 8C8509

■ 8C8725

■ 8C8500

■ 8C8733

■ 8C8841

■ 8C894F

■ 8C8A5D

■ 8C8A6B

■ 8C8B79

■ 8C8C87

■ 8C8C95

# Harmonies

## Analogous

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



B57523



8C8617



579134

# Triad

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



8C8617



0098C0



C95BA4

# Complementary

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



8C8617



171D8C

# 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.



9B6FCD



8C8617



0091DD

# Square

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



8C8617



009A93



3E83E2



DA5574

# Rectangle

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



8C8617



1A9651



3E83E2



BD61B3



# Sweetspot

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



8C8617



B5B388



8C171F



5C5A40



DBDBDB



5C5C5C



# Same Dimension

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



8C8617



B5AC00



598C17



45443E



857E00



050500



# Inverse Universe

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



171D8C



0009B5



4A178C



3E3E45



000785



000005



# Previews

## White Background



This preview shows how the Hex color 8C8617 looks on a white background.

## Color Contrast Check

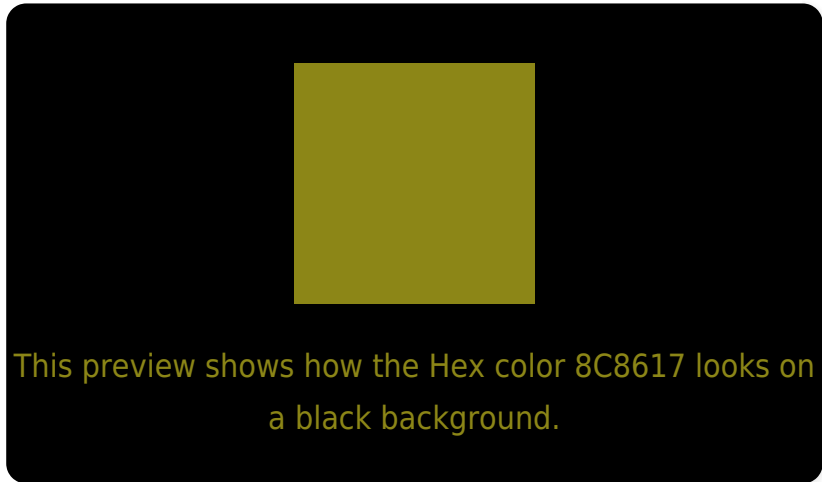
Large Text (above 18pt) WCAG AA ✓ Pass

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

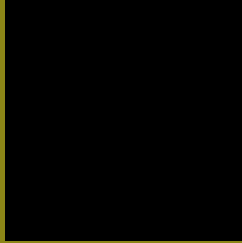
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C8617 Background



This preview shows how black text looks on a background with the Hex color 8C8617.



This preview shows how white text looks on a background with the Hex color 8C8617.

# 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**  
8C8617

**Protanopia**  
948316

**Deuteranopia**  
A57C1D

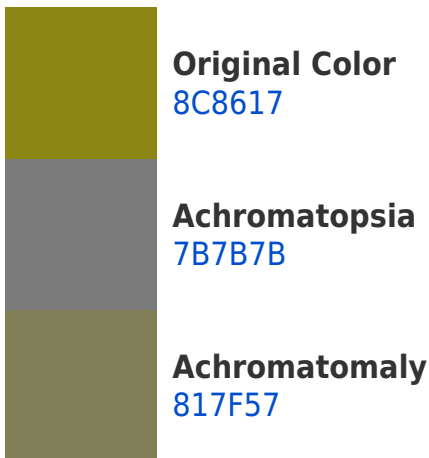


**Tritanopia**  
947D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C8617 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 #8C8617 looks like.

```
.text, #text, p{  
    color:#8C8617  
}
```

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 #8C8617 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C8617
}
```

## Border

The CSS property to change the border of an element to Hex 8C8617 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
#8C8617 }
```

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

```
.border{ border-color:#8C8617 }
```

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

Here you see how a box with a 4 pixel #8C8617 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C8617; -webkit-box-shadow:4px 4px  
4px 4px #8C8617; box-shadow:4px 4px 4px  
4px #8C8617 }
```

# Background

The CSS property to change the background color of an element to Hex 8C8617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C8617 }
```

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

```
.background{ background-color:#8C8617 }
```

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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