

# Converting Colors

Hex(8C6A19)

Have a look what the booklet for  
Hex(8C6A19) contains.

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**Color**

**Hex(8C6A19)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C6A19
RGB	140, 106, 25
RGB Percent	55%, 42%, 10%
CMY	0.4510, 0.5843, 0.9020
CMYK	0.00, 0.24, 0.82, 0.45
HSL	42°, 70%, 32%
HSV	42°, 82%, 55%
XYZ	16.1447, 15.9537, 3.1482
YIQ	106.9320, 46.2650, -17.9830

# Conversions

## Conversions Part 2

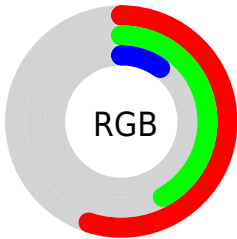
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 140, 25
Decimal	9202201
CIE <sub>Lab</sub>	46.91, 5.73, 47.09
CIE <sub>LCh</sub>	47, 47.434, 83.065
Yxy	15.9537, 0.4581, 0.4526
Android (android.graphics.Color)	4287392281 (0xFF8C6A19)
YUV	106.9320, -40.3925, 29.0006
Hunter-Lab	39.9421, 2.2516, 23.2863

# Details

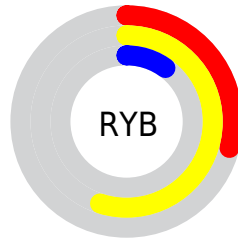
The Hex color **8C6A19** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **193B8C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **C59D4C**, and **563B00** is the 20% darker color. If you saturate the color by 10%, you get **8C660B**, and if you desaturate by 10%, it is **8C6E27**.

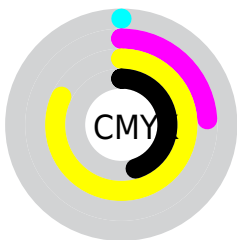
# Distribution



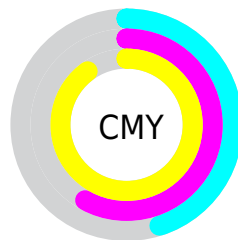
- Red (55%)
- Green (42%)
- Blue (10%)



- Red (29%)
- Yellow (55%)
- Blue (10%)



- Cyan (0%)
- Magenta (24%)
- Yellow (82%)
- Black (45%)



- Cyan (45%)
- Magenta (58%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C6A19 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 8C6A19 by changing the saturation by 10% instead.





8C6A19



8C6A19

FFFFFF



705200



C59D4C



563B00



E2B866



3B2600



FFD380



221200



FFF09A



000000



FFFFB6



FFFFD2



FFFFEF



8C6A19



8C6A19

■ 8C660B

■ 8C6E27

■ 8C6300

■ 8C7235

■ 8C7643

■ 8C7B51

■ 8C7F5F

■ 8C836D

■ 8C877B

■ 8C8B89

■ 8C8F97

# Harmonies

## Analogous

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



A85A30



8C6A19



66761F

# Triad

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



8C6A19



00828D



9757A0

# Complementary

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



8C6A19



193B8C

# 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.



5F69B9



8C6A19



007FAE

# Square

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



8C6A19



008264



0076BE



B34B7A

# Rectangle

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



8C6A19



477C31



0076BE



885DAA



# Sweetspot

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



8C6A19



B5A888



8C193C



5C5440



DBDBDB



5C5C5C



# Same Dimension

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



8C6A19



B58002



758C19



45433E



855D00



050400



# Inverse Universe

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



193B8C



0237B5



30198C



3E4045



002785



000205



# Previews

## White Background



This preview shows how the Hex color 8C6A19 looks on a white background.

## Color Contrast Check

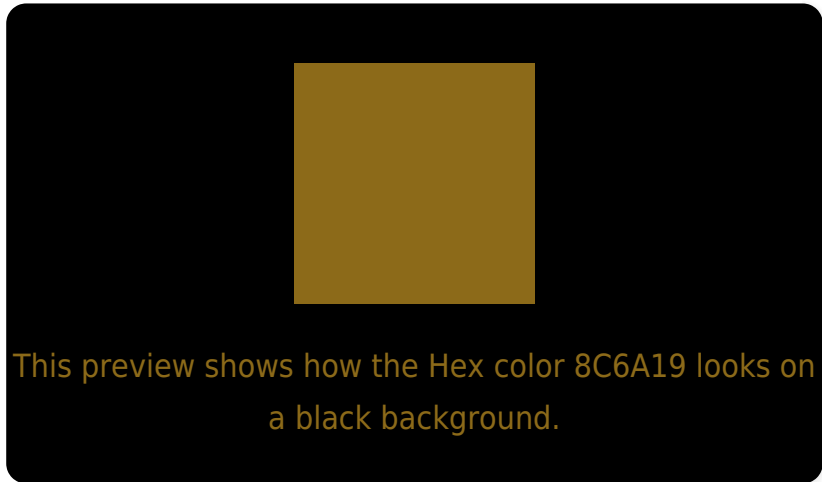
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C6A19 Background



This preview shows how black text looks on a background with the Hex color 8C6A19.



This preview shows how white text looks on a background with the Hex color 8C6A19.

# 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**  
8C6A19

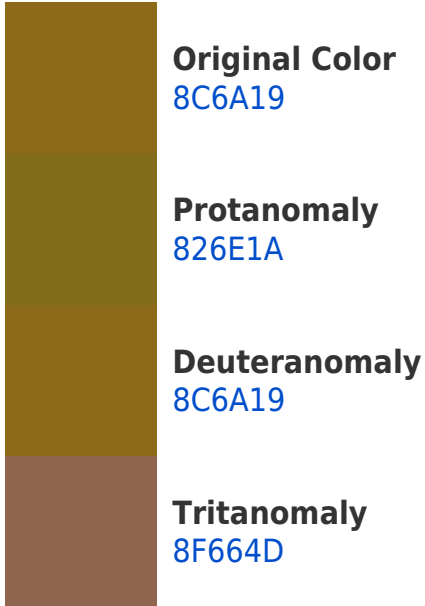
**Protanopia**  
7D701A

**Deuteranopia**  
8C6A19

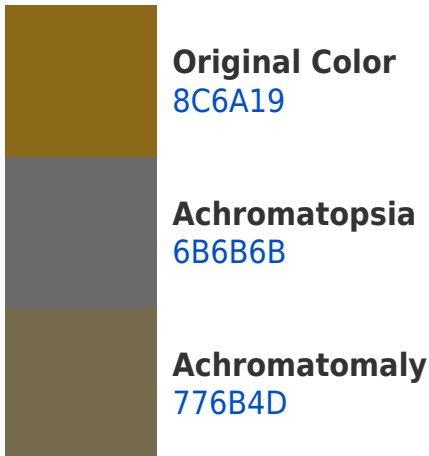


**Tritanopia**  
91636A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C6A19 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 #8C6A19 looks like.

```
.text, #text, p{  
    color:#8C6A19  
}
```

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 #8C6A19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C6A19
}
```

## Border

The CSS property to change the border of an element to Hex 8C6A19 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
#8C6A19 }
```

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

```
.border{ border-color:#8C6A19 }
```

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

Here you see how a box with a 4 pixel #8C6A19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C6A19; -webkit-box-shadow:4px 4px  
4px 4px #8C6A19; box-shadow:4px 4px 4px  
4px #8C6A19 }
```

# Background

The CSS property to change the background color of an element to Hex 8C6A19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C6A19 }
```

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

```
.background{ background-color:#8C6A19 }
```

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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