

# Converting Colors

Hex(8A7B19)

Have a look what the booklet for  
Hex(8A7B19) contains.

<b>Hex(8A7B19)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8A7B19)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A7B19
RGB	138, 123, 25
RGB Percent	54%, 48%, 10%
CMY	0.4588, 0.5176, 0.9020
CMYK	0.00, 0.11, 0.82, 0.46
HSL	52°, 69%, 32%
HSV	52°, 82%, 54%
XYZ	17.7397, 19.6394, 3.7755
YIQ	116.3130, 40.3980, -27.2980

# Conversions

## Conversions Part 2

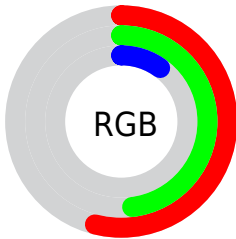
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 138, 25
Decimal	9075481
CIE <sub>Lab</sub>	51.43, -4.89, 51.04
CIE <sub>LCh</sub>	51, 51.269, 95.476
Yxy	19.6394, 0.4310, 0.4772
Android (android.graphics.Color)	4287265561 (0xFF8A7B19)
YUV	116.3130, -45.0173, 19.0195
Hunter-Lab	44.3163, -6.1007, 25.9703

# Details

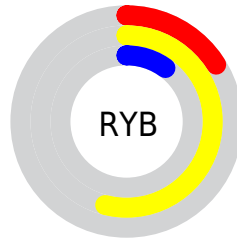
The Hex color **8A7B19** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **19288A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **C2AF4E**, and **544B00** is the 20% darker color. If you saturate the color by 10%, you get **8A790B**, and if you desaturate by 10%, it is **8A7D27**.

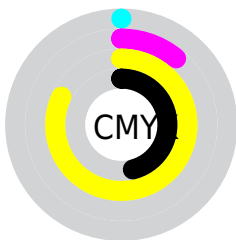
# Distribution



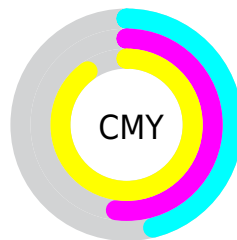
- Red (54%)
- Green (48%)
- Blue (10%)



- Red (16%)
- Yellow (54%)
- Blue (10%)



- Cyan (0%)
- Magenta (11%)
- Yellow (82%)
- Black (46%)



- Cyan (46%)
- Magenta (52%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A7B19 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 8A7B19 by changing the saturation by 10% instead.





8A7B19



8A7B19

FFFFFF



6F6200



C2AF4E



544B00



E0CA68



3A3400



FDE683



212000



FFFF9E



000900



FFFFBA



000000



FFFFD6



FFFFF3



8A7B19



8A7B19

■ 8A790B

■ 8A7D27

■ 8A7800

■ 8A7F35

■ 8A8042

■ 8A8250

■ 8A845E

■ 8A866C

■ 8A887A

■ 8A8A87

■ 8A8B95

# Harmonies

## Analogous

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



AE6B28



8A7B19



5C862E

# Triad

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



8A7B19



008EAC



B659A0

# Complementary

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



8A7B19



19288A

# 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.



876BC2



8A7B19



0089CA

# Square

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



8A7B19



009082



227DD2



C95174

# Rectangle

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



8A7B19



318B46



227DD2



A95FAD



# Sweetspot

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



8A7B19



B3AD86



8A1928



59563E



D9D9D9



595959



# Same Dimension

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



8A7B19



B39B04



618A19



45443E



857300



050400



# Inverse Universe

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



19288A



041BB3



42198A



3E3F45



001285

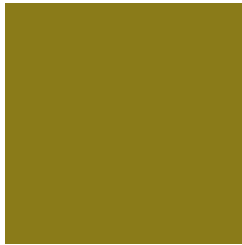


000105



# Previews

## White Background



This preview shows how the Hex color 8A7B19 looks on a white background.

## Color Contrast Check

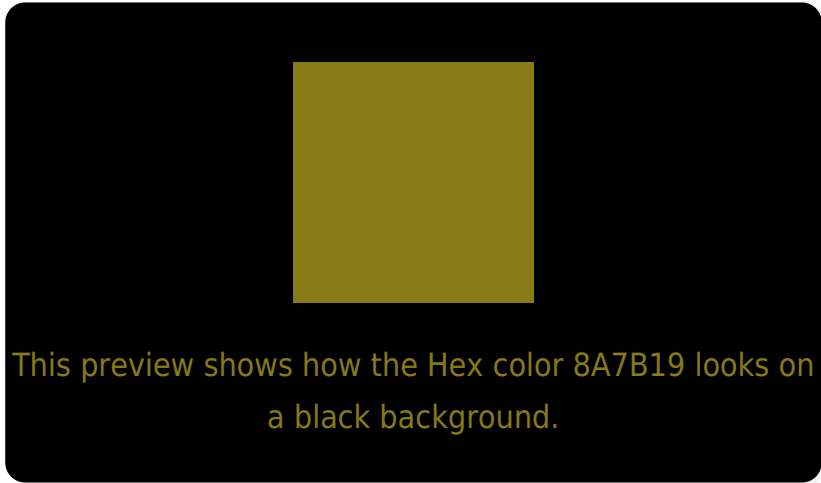
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A7B19 Background



This preview shows how black text looks on a background with the Hex color 8A7B19.



This preview shows how white text looks on a background with the Hex color 8A7B19.

# 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**  
8A7B19

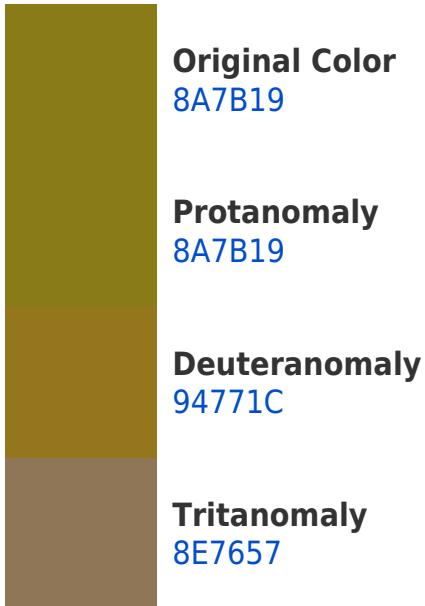
**Protanopia**  
8A7B19

**Deuteranopia**  
9A741D

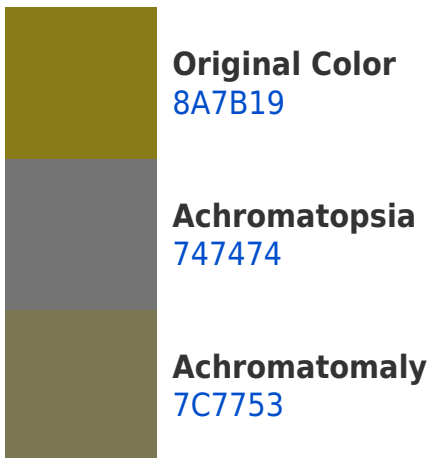


**Tritanopia**  
91737B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A7B19 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 #8A7B19 looks like.

```
.text, #text, p{  
    color:#8A7B19  
}
```

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 #8A7B19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A7B19
}
```

## Border

The CSS property to change the border of an element to Hex 8A7B19 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
#8A7B19 }
```

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

```
.border{ border-color:#8A7B19 }
```

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

Here you see how a box with a 4 pixel #8A7B19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A7B19; -webkit-box-shadow:4px 4px  
4px 4px #8A7B19; box-shadow:4px 4px 4px  
4px #8A7B19 }
```

# Background

The CSS property to change the background color of an element to Hex 8A7B19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A7B19 }
```

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

```
.background{ background-color:#8A7B19 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor