

# Converting Colors

Hex(865A19)

Have a look what the booklet for  
Hex(865A19) contains.

<b>Hex(865A19)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(865A19)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	865A19
RGB	134, 90, 25
RGB Percent	53%, 35%, 10%
CMY	0.4745, 0.6471, 0.9020
CMYK	0.00, 0.33, 0.81, 0.47
HSL	36°, 69%, 31%
HSV	36°, 81%, 53%
XYZ	13.6631, 12.4508, 2.6028
YIQ	95.7460, 47.0890, -10.8870

# Conversions

## Conversions Part 2

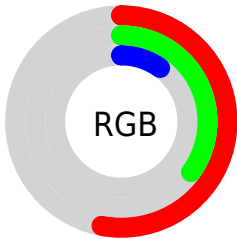
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 134, 25
Decimal	8804889
CIELab	41.92, 12.25, 42.26
CIELCh	42, 43.995, 73.831
Yxy	12.4508, 0.4758, 0.4336
Android (android.graphics.Color)	4286994969 (0xFF865A19)
YUV	95.7460, -34.8778, 33.5488
Hunter-Lab	35.2858, 7.3677, 20.3265

# Details

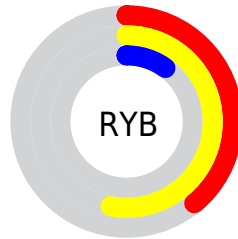
The Hex color **865A19** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **194586**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **BF8C4A**, and **502C00** is the 20% darker color. If you saturate the color by 10%, you get **86550C**, and if you desaturate by 10%, it is **865F26**.

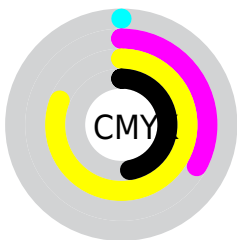
# Distribution



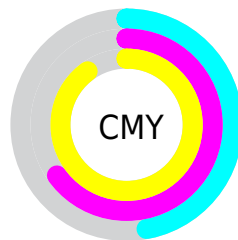
- Red (53%)
- Green (35%)
- Blue (10%)



- Red (39%)
- Yellow (53%)
- Blue (10%)



- Cyan (0%)
- Magenta (33%)
- Yellow (81%)
- Black (47%)



- Cyan (47%)
- Magenta (65%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 865A19 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 865A19 by changing the saturation by 10% instead.



 865A19

 865A19

FFFFFF

 6A4300

 BF8C4A

 502C00

 DCA663

 351800

 FAC17D

 1E0000

 FFDD97

 000000

 FFFAB2

 FFFFCE

 FFFFEB

 865A19

 865A19

■ 86550C

■ 865F26

■ 865000

■ 866534

■ 866A41

■ 86704F

■ 86755C

■ 867A69

■ 868077

■ 868584

■ 868B92

# Harmonies

## Analogous

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



9D4B32



865A19



666615

# Triad

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



865A19



007473



7A5298

# Complementary

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



865A19



194586

# 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.



3C61A9



865A19



007294

# Square

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



865A19



00734D



006CA8



9B4478

# Rectangle

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



865A19



4C6C22



006CA8



6A579F



# Sweetspot

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



865A19



AD9D84



861946



574D3E



D6D6D6



575757



# Same Dimension

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



865A19



AD6903



7D8619



42403C



824E00



030200



# Inverse Universe

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



194586



0348AD



221986



3C3E42



003482



000103



# Previews

## White Background



This preview shows how the Hex color 865A19 looks on a white background.

## Color Contrast Check

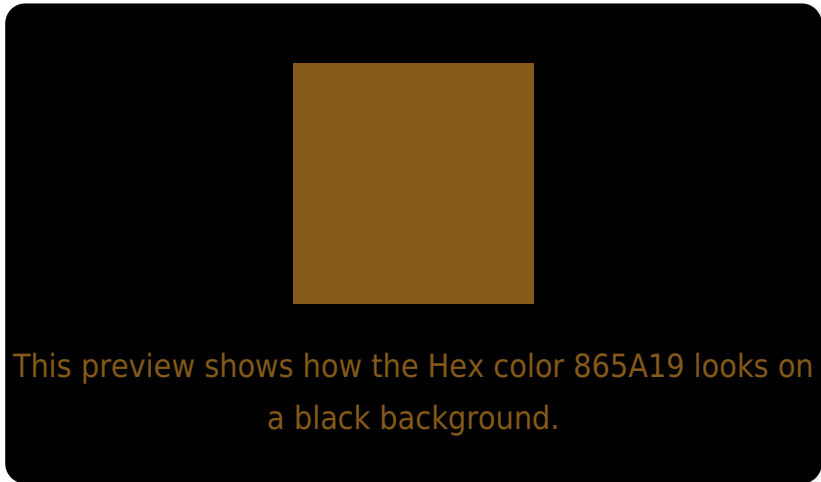
Large Text (above 18pt) WCAG AA ✓ Pass

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 865A19 Background



This preview shows how black text looks on a background with the Hex color 865A19.



This preview shows how white text looks on a background with the Hex color 865A19.

# 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**  
865A19

**Protanopia**  
70641B

**Deuteranopia**  
7D5E17

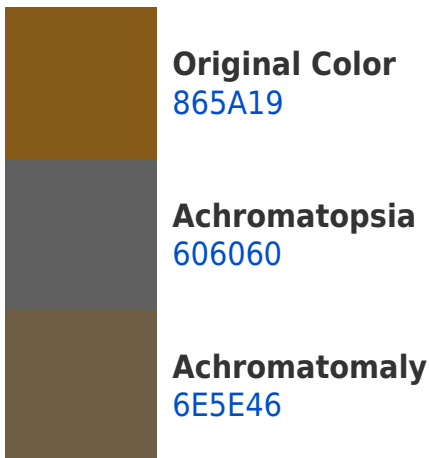


**Tritanopia**  
8A545A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 865A19 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 #865A19 looks like.

```
.text, #text, p{  
    color:#865A19  
}
```

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 #865A19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #865A19
}
```

## Border

The CSS property to change the border of an element to Hex 865A19 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
#865A19 }
```

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

```
.border{ border-color:#865A19 }
```

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

Here you see how a box with a 4 pixel #865A19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #865A19; -webkit-box-shadow:4px 4px  
4px 4px #865A19; box-shadow:4px 4px 4px  
4px #865A19 }
```

# Background

The CSS property to change the background color of an element to Hex 865A19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#865A19 }
```

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

```
.background{ background-color:#865A19 }
```

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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