

# Converting Colors

Hex(859116)

Have a look what the booklet for  
Hex(859116) contains.

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**Color**

**Hex(859116)**

# Conversions

## Conversions Part 1

Format	Color
Hex	859116
RGB	133, 145, 22
RGB Percent	52%, 57%, 9%
CMY	0.4784, 0.4314, 0.9137
CMYK	0.08, 0.00, 0.85, 0.43
HSL	66°, 74%, 33%
HSV	66°, 85%, 57%
XYZ	19.9431, 25.2953, 4.5904
YIQ	127.3900, 32.3310, -40.7970

# Conversions

## Conversions Part 2

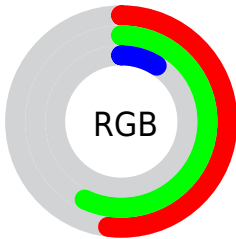
<b>Format</b>	<b>Color</b>
<b>RYB</b>	22, 145, 34
Decimal	8753430
CIELab	57.36, -19.10, 56.88
CIElCh	57, 60.000, 108.565
Yxy	25.2953, 0.4002, 0.5076
Android (android.graphics.Color)	4286943510 (0xFF859116)
YUV	127.3900, -51.9573, 4.9200
Hunter-Lab	50.2944, -17.2352, 29.7946

# Details

The Hex color **859116** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **221691**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **BDC750**, and **4F5F00** is the 20% darker color. If you saturate the color by 10%, you get **849108**, and if you desaturate by 10%, it is **869125**.

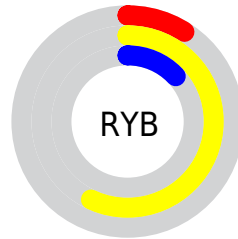
# Distribution



Red (52%)

Green (57%)

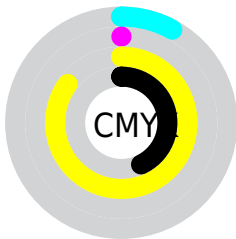
Blue (9%)



Red (9%)

Yellow (57%)

Blue (13%)

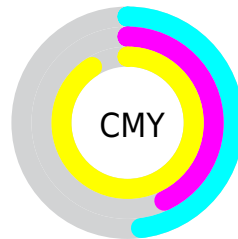


Cyan (8%)

Magenta (0%)

Yellow (85%)

Black (43%)



Cyan (48%)

Magenta (43%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 859116 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 859116 by changing the saturation by 10% instead.





859116



859116

FFFFFF



6A7700



BDC750



4F5F00



DAE36A



354700



F8FF85



1B3100



FFFFA1



001D00



FFFFBD



000000



FFFFD9



FFFFF7



859116



859116

■ 849108

■ 869125

■ 839100

■ 889133

■ 899142

■ 8B9150

■ 8C915F

■ 8D916D

■ 8F917C

■ 90918A

■ 929199

# Harmonies

## Analogous

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



B58016



859116



449C40

# Triad

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



859116



009FD7



DE59A0

# Complementary

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



859116



221691

# 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.



B56DD0



859116



0096F1

# Square

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



859116



00A2AA



6284EE



E8596C

# Rectangle

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



859116



00A061



6284EE



D45FB1



# Sweetspot

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



859116



B8BD8E



912016



5C5E42



DEDEDE



5E5E5E



# Same Dimension

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



859116



AABD00



499116



474740



7A8700



070800



# Inverse Universe

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



221691



1200BD



5E1691



414047



0D0087



010008



# Previews

## White Background



This preview shows how the Hex color 859116 looks on a white background.

## Color Contrast Check

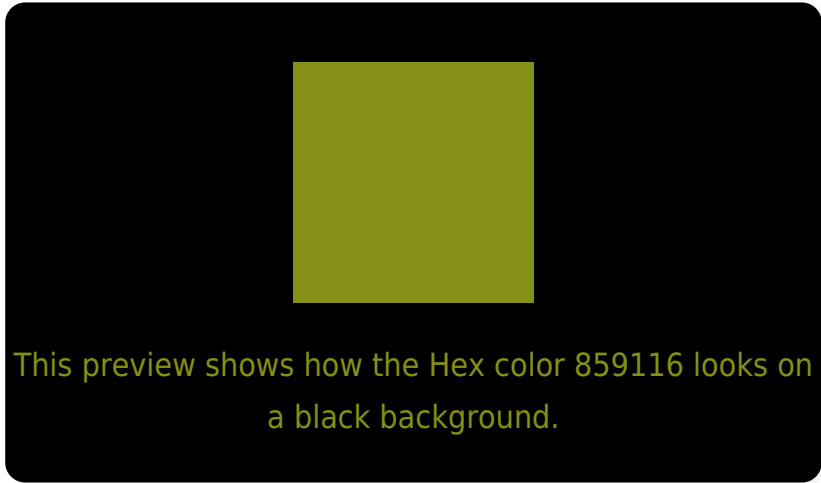
Large Text (above 18pt) WCAG AA ✓ Pass

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 859116 Background



This preview shows how black text looks on a background with the Hex color 859116.



This preview shows how white text looks on a background with the Hex color 859116.

# 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**  
859116

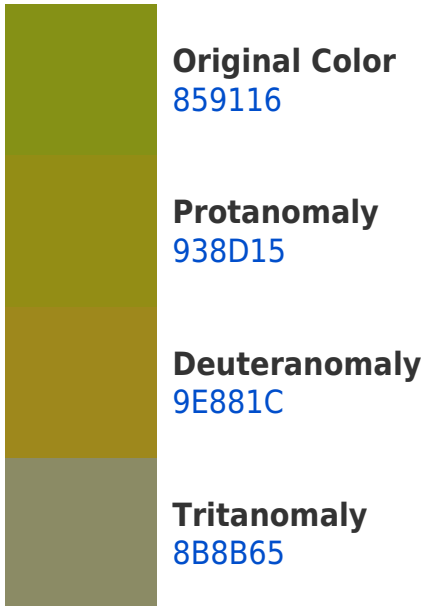
**Protanopia**  
9B8A14

**Deuteranopia**  
AD8320



**Tritanopia**  
8F8792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 859116 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 #859116 looks like.

```
.text, #text, p{  
    color:#859116  
}
```

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 #859116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #859116
}
```

## Border

The CSS property to change the border of an element to Hex 859116 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
#859116 }
```

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

```
.border{ border-color:#859116 }
```

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

Here you see how a box with a 4 pixel #859116 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #859116; -webkit-box-shadow:4px 4px  
4px 4px #859116; box-shadow:4px 4px 4px  
4px #859116 }
```

# Background

The CSS property to change the background color of an element to Hex 859116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#859116 }
```

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

```
.background{ background-color:#859116 }
```

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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