

# Converting Colors

Hex(859517)

Have a look what the booklet for  
Hex(859517) contains.

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**Color**

**Hex(859517)**

# Conversions

## Conversions Part 1

Format	Color
Hex	859517
RGB	133, 149, 23
RGB Percent	52%, 58%, 9%
CMY	0.4784, 0.4157, 0.9098
CMYK	0.11, 0.00, 0.85, 0.42
HSL	68°, 73%, 34%
HSV	68°, 85%, 58%
XYZ	20.5750, 26.5433, 4.8496
YIQ	129.8520, 30.9100, -42.5780

# Conversions

## Conversions Part 2

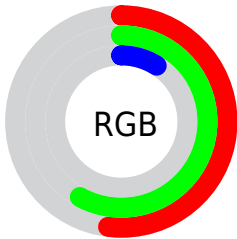
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 149, 39
Decimal	8754455
CIE <sub>Lab</sub>	58.55, -21.11, 57.64
CIE <sub>LCh</sub>	59, 61.385, 110.119
Yxy	26.5433, 0.3959, 0.5108
Android (android.graphics.Color)	4286944535 (0xFF859517)
YUV	129.8520, -52.6780, 2.7608
Hunter-Lab	51.5202, -18.8750, 30.4832

# Details

The Hex color **859517** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **271795**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **BDCB51**, and **4F6200** is the 20% darker color. If you saturate the color by 10%, you get **839508**, and if you desaturate by 10%, it is **879526**.

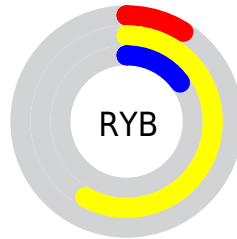
# Distribution



Red (52%)

Green (58%)

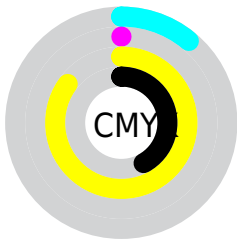
Blue (9%)



Red (9%)

Yellow (58%)

Blue (15%)

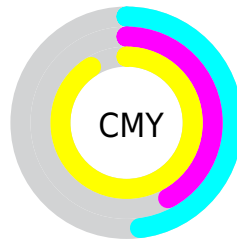


Cyan (11%)

Magenta (0%)

Yellow (85%)

Black (42%)



Cyan (48%)

Magenta (42%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 859517 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 859517 by changing the saturation by 10% instead.





859517



859517

FFFFFF



6A7B00



BDCB51



4F6200



DAE76C



354B00



F8FF87



1B3400



FFFFA2



001F00



FFFFBE



000000



FFFADB



FFFFF8



859517



859517

■ 839508

■ 879526

■ 829500

■ 899535

■ 8B9544

■ 8D9553

■ 8E9562

■ 909570

■ 92957F

■ 94958E

■ 96959D

# Harmonies

## Analogous

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



B78413



859517



40A043

# Triad

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



859517



00A2DF



E55AA1

# Complementary

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



859517



271795

# 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.



BC6ED2



859517



0098F7

# Square

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



859517



00A6B0



6A86F2



ED5B6B

# Rectangle

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



859517



00A466



6A86F2



DB5FB3



# Sweetspot

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



859517



BCC291



952617



5D6144



E0E0E0



616161



# Same Dimension

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



859517



A9C200



479517



494A43



788A00



090A00



# Inverse Universe

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



271795



1900C2



651795



43434A



11008A



01000A



# Previews

## White Background



This preview shows how the Hex color 859517 looks on a white background.

## Color Contrast Check

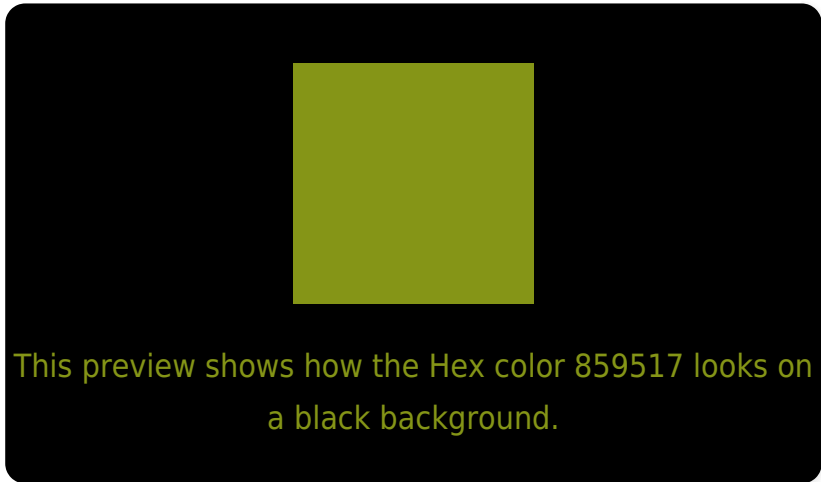
Large Text (above 18pt) WCAG AA ✓ Pass

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

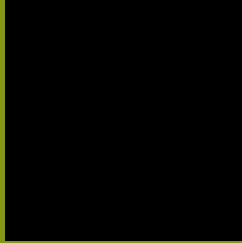
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 859517 Background



This preview shows how black text looks on a background with the Hex color 859517.



This preview shows how white text looks on a background with the Hex color 859517.

# 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](#).

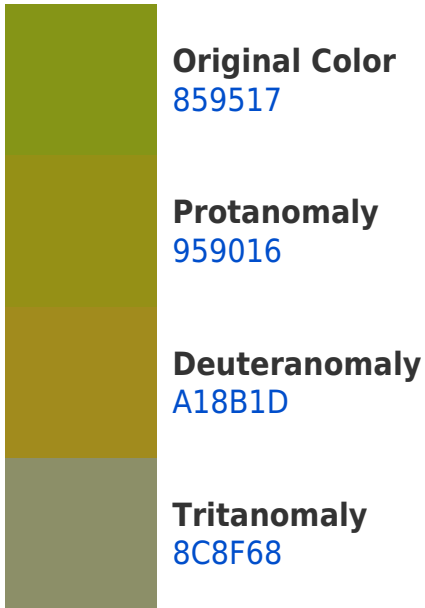
## Dichromacy





**Tritanopia**  
908B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 859517 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 #859517 looks like.

```
.text, #text, p{  
    color:#859517  
}
```

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 #859517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #859517
}
```

## Border

The CSS property to change the border of an element to Hex 859517 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
#859517 }
```

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

```
.border{ border-color:#859517 }
```

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

Here you see how a box with a 4 pixel #859517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #859517; -webkit-box-shadow:4px 4px  
4px 4px #859517; box-shadow:4px 4px 4px  
4px #859517 }
```

# Background

The CSS property to change the background color of an element to Hex 859517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#859517 }
```

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

```
.background{ background-color:#859517 }
```

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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