

Converting Colors

Hex(859C19)

Have a look what the booklet for
Hex(859C19) contains.

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Color

Hex(859C19)

Conversions

Conversions Part 1

Format	Color
Hex	859C19
RGB	133, 156, 25
RGB Percent	52%, 61%, 10%
CMY	0.4784, 0.3882, 0.9020
CMYK	0.15, 0.00, 0.84, 0.39
HSL	71°, 72%, 35%
HSV	71°, 84%, 61%
XYZ	21.7368, 28.8337, 5.3395
YIQ	134.1890, 28.3430, -45.6170

Conversions

Conversions Part 2

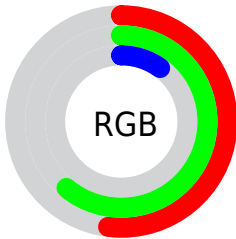
Format	Color
R_{YB}	25, 156, 48
Decimal	8756249
CIE _{Lab}	60.63, -24.56, 58.92
CIE _{LCh}	61, 63.835, 112.623
Yxy	28.8337, 0.3888, 0.5157
Android (android.graphics.Color)	4286946329 (0xFF859C19)
YUV	134.1890, -53.8302, -1.0428
Hunter-Lab	53.6970, -21.7121, 31.6922

Details

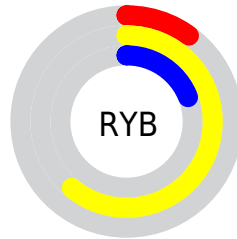
The Hex color **859C19** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **30199C**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **BDD253**, and **4F6900** is the 20% darker color. If you saturate the color by 10%, you get **829C09**, and if you desaturate by 10%, it is **889C29**.

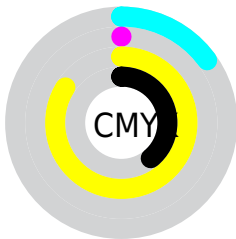
Distribution



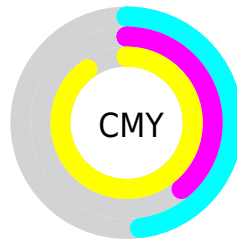
- Red (52%)
- Green (61%)
- Blue (10%)



- Red (10%)
- Yellow (61%)
- Blue (19%)



- Cyan (15%)
- Magenta (0%)
- Yellow (84%)
- Black (39%)



- Cyan (48%)
- Magenta (39%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 859C19 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 859C19 by changing the saturation by 10% instead.



859C19



859C19

FFFFFF



6A8200



BDD253



4F6900



DAEF6E



355100



F8FF8A



193A00



FFFFA5



002400



FFFFC1



000400



FFFFDE



000000



FFFFFB




859C19



859C19

 829C09

 889C29

 819C00

 8A9C38

 8D9C48

 909C57

 939C67

 959C77

 989C86

 9B9C96

 9E9CA5

Harmonies

Analogous

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



BA8B0E



859C19



38A74A

Triad

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



859C19



00A8EB



F05CA3

Complementary

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



859C19



30199C

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.



C970D7



859C19



009DFF

Square

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



859C19



00ADBC



7789FB



F65F6A

Rectangle

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



859C19



00AB6E



7789FB



E761B5

Sweetspot

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



859C19



C3CC99



9C2F19



616647



E6E6E6



666666

Same Dimension

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



859C19



A8CC00



459C19



4E4F47



768F00



0D0F00

Inverse Universe

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



30199C



2400CC



70199C



49474F



19008F



03000F

Previews

White Background



This preview shows how the Hex color 859C19 looks on a white background.

Color Contrast Check

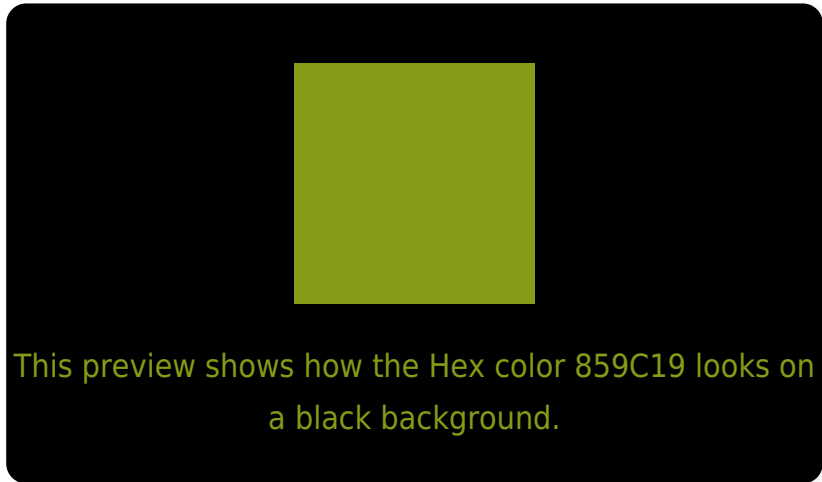
Large Text (above 18pt) WCAG AA ✓ Pass

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 859C19 Background



This preview shows how black text looks on a background with the Hex color 859C19.



This preview shows how white text looks on a background with the Hex color 859C19.

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
859C19

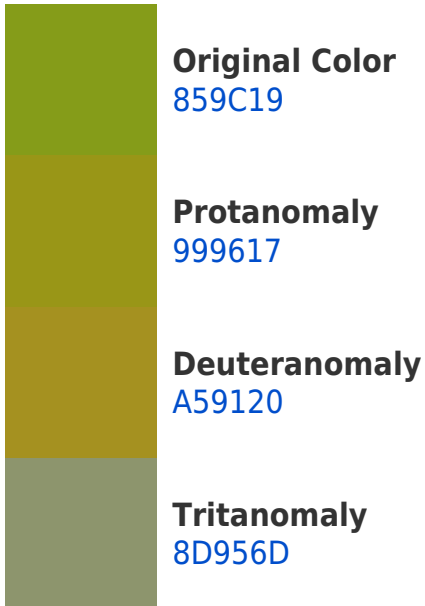
Protanopia
A49216

Deuteranopia
B88A24



Tritanopia
91919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 859C19 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 #859C19 looks like.

```
.text, #text, p{  
    color:#859C19  
}
```

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 #859C19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #859C19
}
```

Border

The CSS property to change the border of an element to Hex 859C19 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
#859C19 }
```

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

```
.border{ border-color:#859C19 }
```

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

Here you see how a box with a 4 pixel #859C19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #859C19; -webkit-box-shadow:4px 4px  
4px 4px #859C19; box-shadow:4px 4px 4px  
4px #859C19 }
```

Background

The CSS property to change the background color of an element to Hex 859C19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#859C19 }
```

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

```
.background{ background-color:#859C19 }
```

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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