

Converting Colors

Hex(59A11F)

Have a look what the booklet for
Hex(59A11F) contains.

Hex(59A11F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(59A11F)

Conversions

Conversions Part 1

Format	Color
Hex	59A11F
RGB	89, 161, 31
RGB Percent	35%, 63%, 12%
CMY	0.6510, 0.3686, 0.8784
CMYK	0.45, 0.00, 0.81, 0.37
HSL	93°, 68%, 38%
HSV	93°, 81%, 63%
XYZ	17.1120, 27.7125, 5.7435
YIQ	124.6520, -1.1820, -55.6940

Conversions

Conversions Part 2

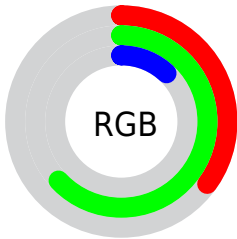
Format	Color
R_{YB}	31, 161, 103
Decimal	5873951
CIE Lab	59.63, -43.65, 55.39
CIE LCh	60, 70.521, 128.244
Yxy	27.7125, 0.3384, 0.5480
Android (android.graphics.Color)	4284064031 (0xFF59A11F)
YUV	124.6520, -46.1704, -31.2668
Hunter-Lab	52.6427, -34.1015, 30.3812

Details

The Hex color **59A11F** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **671FA1**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **91D857**, and **1C6D00** is the 20% darker color. If you saturate the color by 10%, you get **50A10F**, and if you desaturate by 10%, it is **62A12F**.

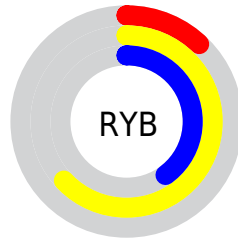
Distribution



Red (35%)

Green (63%)

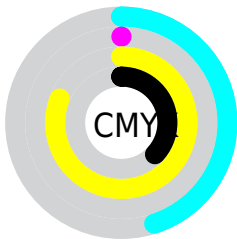
Blue (12%)



Red (12%)

Yellow (63%)

Blue (40%)

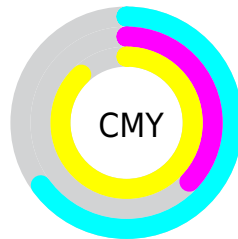


Cyan (45%)

Magenta (0%)

Yellow (81%)

Black (37%)



Cyan (65%)

Magenta (37%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59A11F 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 59A11F by changing the saturation by 10% instead.



59A11F



59A11F

FFFFFF



3C8600



91D857



1C6D00



ADF572



005400



CAFF8D



003C00



E8FFA9



002700



FFFFC5



000000



FFFFE2



59A11F



59A11F



50A10F



62A12F

■ 48A100

■ 6BA13F

■ 74A14F

■ 7DA15F

■ 86A170

■ 8FA180

■ 97A190

■ A0A1A0

■ A9A1B0

Harmonies

Analogous

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



9D9200



59A11F



00A95F

Triad

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



59A11F



00A2FF



FD4C81

Complementary

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



59A11F



671FA1

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.



E659BF



59A11F



0092FF

Square

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



59A11F



00AADB



A677F2



F35F46

Rectangle

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



59A11F



00AB8A



A677F2



F94D96

Sweetspot

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



59A11F



B5D19F



A1671F



58694A



E8E8E8



696969

Same Dimension

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



59A11F



61D106



1FA125



4D5249



419100



081200

Inverse Universe

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



671FA1



7706D1



A11F9B



4E4952



510091



0A0012

Previews

White Background



This preview shows how the Hex color 59A11F looks on a white background.

Color Contrast Check

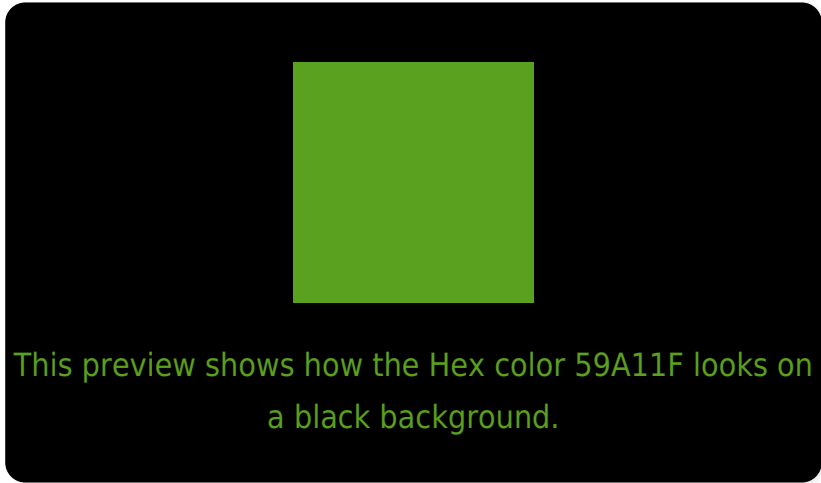
Large Text (above 18pt) WCAG AA ✓ Pass

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 59A11F Background



This preview shows how black text looks on a background with the Hex color 59A11F.



This preview shows how white text looks on a background with the Hex color 59A11F.

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
59A11F

Protanopia
A18F1A

Deuteranopia
B3882C



Tritanopia
6C96A2

Trichromacy



Original Color
59A11F

Protanomaly
87961C

Deuteranomaly
929127

Tritanomaly
659A72

Monochromacy



Original Color
59A11F

Achromatopsia
7D7D7D

Achromatomaly
708A5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 59A11F 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 #59A11F looks like.

```
.text, #text, p{  
    color:#59A11F  
}
```

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 #59A11F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59A11F
}
```

Border

The CSS property to change the border of an element to Hex 59A11F 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
#59A11F }
```

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

```
.border{ border-color:#59A11F }
```

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

Here you see how a box with a 4 pixel #59A11F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59A11F; -webkit-box-shadow:4px 4px  
4px 4px #59A11F; box-shadow:4px 4px 4px  
4px #59A11F }
```

Background

The CSS property to change the background color of an element to Hex 59A11F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59A11F }
```

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

```
.background{ background-color:#59A11F }
```

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