

Converting Colors

Hex(55B11E)

Have a look what the booklet for
Hex(55B11E) contains.

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Color

Hex(55B11E)

Conversions

Conversions Part 1

Format	Color
Hex	55B11E
RGB	85, 177, 30
RGB Percent	33%, 69%, 12%
CMY	0.6667, 0.3059, 0.8824
CMYK	0.52, 0.00, 0.83, 0.31
HSL	98°, 71%, 41%
HSV	98°, 83%, 69%
XYZ	19.7028, 33.4693, 6.6501
YIQ	132.7340, -7.6450, -65.2210

Conversions

Conversions Part 2

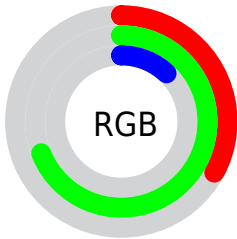
Format	Color
RYB	30, 177, 122
Decimal	5615902
CIELab	64.54, -51.24, 60.10
CIELCh	65, 78.975, 130.449
Yxy	33.4693, 0.3294, 0.5595
Android (android.graphics.Color)	4283805982 (0xFF55B11E)
YUV	132.7340, -50.6479, -41.8627
Hunter-Lab	57.8527, -40.4507, 33.6816

Details

The Hex color **55B11E** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7A1EB1**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **8FE959**, and **097B00** is the 20% darker color. If you saturate the color by 10%, you get **4AB10C**, and if you desaturate by 10%, it is **60B130**.

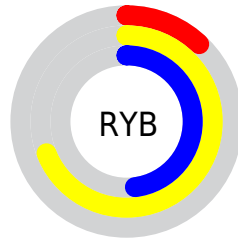
Distribution



Red (33%)

Green (69%)

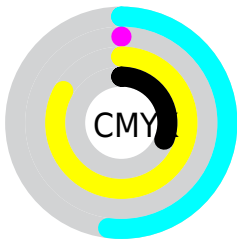
Blue (12%)



Red (12%)

Yellow (69%)

Blue (48%)

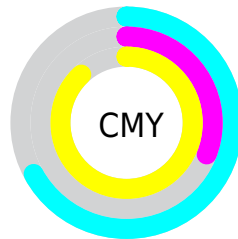


Cyan (52%)

Magenta (0%)

Yellow (83%)

Black (31%)



Cyan (67%)

Magenta (31%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55B11E 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 55B11E by changing the saturation by 10% instead.

 55B11E

 55B11E

FFFFFF

 369600

 8FE959

 097B00

 ACFF74

 006200

 CAFF90

 004900

 E7FFAC

 003200

 FFFFC8

 001900

 FFFF E5

 000000

 55B11E

 55B11E

 4AB10C

 60B130

■ 42B100

■ 6BB141

■ 76B153

■ 81B165

■ 8CB176

■ 97B188

■ A3B19A

■ AEB1AC

■ B9B1BD

Harmonies

Analogous

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



A5A100



55B11E



00B96A

Triad

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



55B11E



00B1FF



FF4D87

Complementary

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



55B11E



7A1EB1

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.



FF5ACD



55B11E



009DFF

Square

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



55B11E



00BAF7



BD7DFF



FF6644

Rectangle

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



55B11E



00BC9C



BD7DFF



FF4C9F

Sweetspot

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



55B11E



C2E6AC



B1791E



5D7350



F2F2F2



737373

Same Dimension

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



55B11E



56E600



1EB12F



545950



399900



0A1A00

Inverse Universe

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



7A1EB1



9000E6



B11EA0



565059



600099



10001A

Previews

White Background



This preview shows how the Hex color 55B11E looks on a white background.

Color Contrast Check

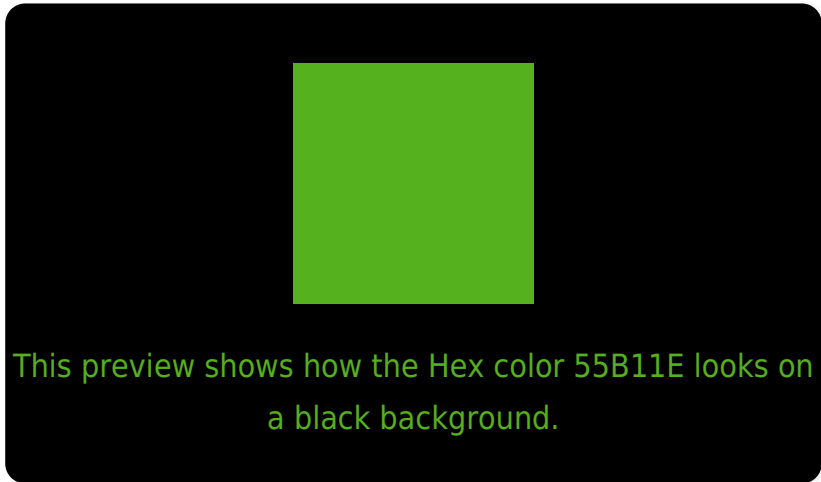
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 55B11E Background



This preview shows how black text looks on a background with the Hex color 55B11E.

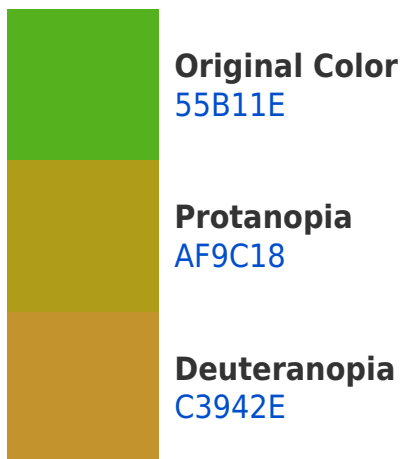


This preview shows how white text looks on a background with the Hex color 55B11E.

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](#).

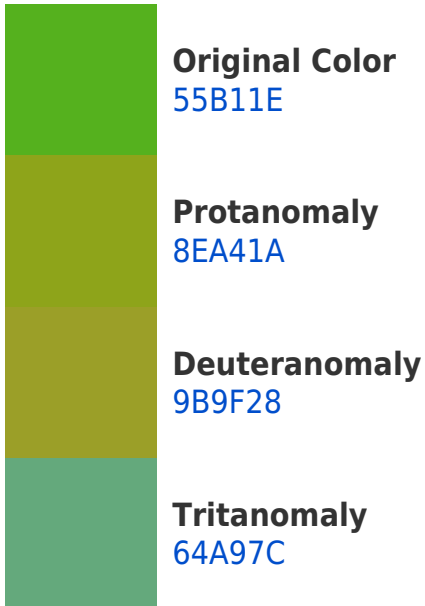
Dichromacy



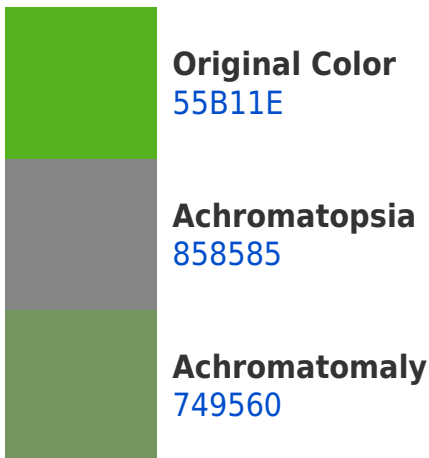


Tritanopia
6DA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55B11E 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 #55B11E looks like.

```
.text, #text, p{  
    color:#55B11E  
}
```

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 #55B11E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55B11E
}
```

Border

The CSS property to change the border of an element to Hex 55B11E 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
#55B11E }
```

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

```
.border{ border-color:#55B11E }
```

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

Here you see how a box with a 4 pixel #55B11E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55B11E; -webkit-box-shadow:4px 4px  
4px 4px #55B11E; box-shadow:4px 4px 4px  
4px #55B11E }
```

Background

The CSS property to change the background color of an element to Hex 55B11E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55B11E }
```

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

```
.background{ background-color:#55B11E }
```

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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