

Converting Colors

Hex(59BF0D)

Have a look what the booklet for
Hex(59BF0D) contains.

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Color

Hex(59BF0D)

Conversions

Conversions Part 1

Format	Color
Hex	59BF0D
RGB	89, 191, 13
RGB Percent	35%, 75%, 5%
CMY	0.6510, 0.2510, 0.9490
CMYK	0.53, 0.00, 0.93, 0.25
HSL	94°, 87%, 40%
HSV	94°, 93%, 75%
XYZ	22.8233, 39.4145, 6.7856
YIQ	140.2100, -3.6540, -76.9820

Conversions

Conversions Part 2

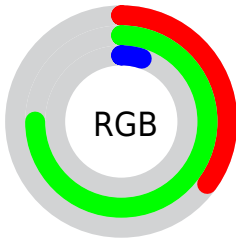
Format	Color
RYB	13, 191, 115
Decimal	5881613
CIELab	69.05, -55.82, 67.34
CIELCh	69, 87.471, 129.654
Yxy	39.4145, 0.3307, 0.5710
Android (android.graphics.Color)	4284071693 (0xFF59BF0D)
YUV	140.2100, -62.7145, -44.9112
Hunter-Lab	62.7810, -44.9752, 37.5384

Details

The Hex color **59BF0D** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **730DBF**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **95F853**, and **068800** is the 20% darker color. If you saturate the color by 10%, you get **52BF00**, and if you desaturate by 10%, it is **64BF20**.

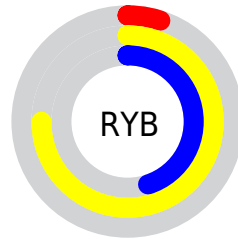
Distribution



Red (35%)

Green (75%)

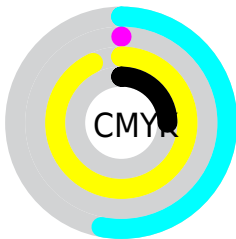
Blue (5%)



Red (5%)

Yellow (75%)

Blue (45%)

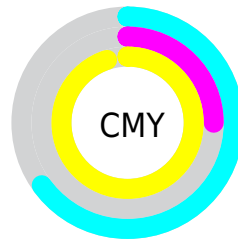


Cyan (53%)

Magenta (0%)

Yellow (93%)

Black (25%)



Cyan (65%)

Magenta (25%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59BF0D 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 59BF0D by changing the saturation by 10% instead.

 59BF0D

 59BF0D


FFFFFF

 38A300

 95F853

 068800

 B2FF70

 006E00

 D0FF8C

 005500

 EEFFA8

 003C00

 FFFFC5

 002500

 FFFFE2

 000000

 59BF0D

 59BF0D

 52BF00

 64BF20

 6FBF33

 7ABF46

 85BF59

 90BF6D

 9BBF80

 A6BF93

 B1BFA6

 BCBFB9

Harmonies

Analogous

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



B3AD00



59BF0D



00C86E

Triad

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



59BF0D



00C0FF



FF4A92

Complementary

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



59BF0D



730DBF

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.



FF5BE1



59BF0D



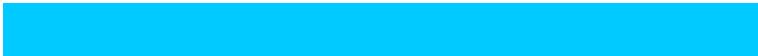
00AAFF

Square

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



59BF0D



00CAFF



C986FF



FF6946

Rectangle

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



59BF0D



00CBA5



C986FF



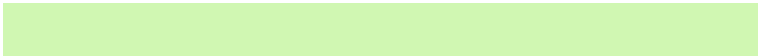
FF4AAD

Sweetspot

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



59BF0D



D0F7B2



BF720D



657D52



FCFCFC



7D7D7D

Same Dimension

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



59BF0D



6AF700



0DBF19



595E55



449E00



0D1F00

Inverse Universe

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



730DBF



8E00F7



BF0DB3



5A555E



5B009E



12001F

Previews

White Background



This preview shows how the Hex color 59BF0D looks on a white background.

Color Contrast Check

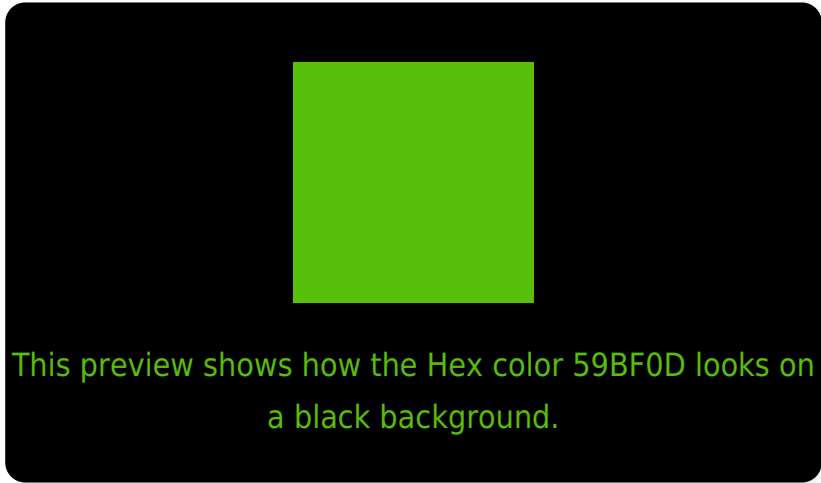
Large Text (above 18pt) WCAG AA × Fail

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 59BF0D Background



This preview shows how black text looks on a background with the Hex color 59BF0D.



This preview shows how white text looks on a background with the Hex color 59BF0D.

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
59BF0D

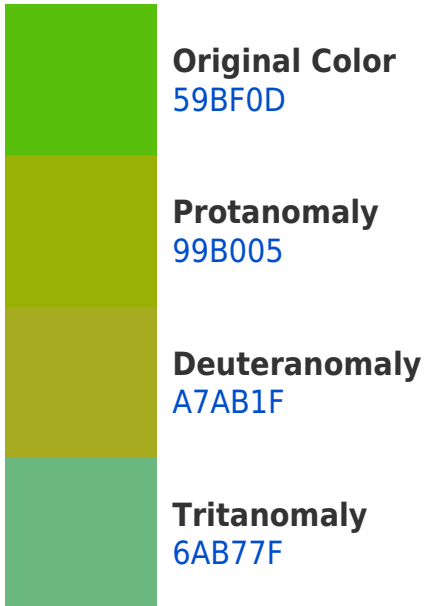
Protanopia
BDA800

Deuteranopia
D39F29

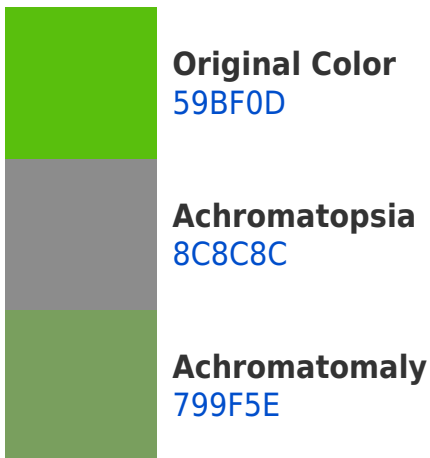


Tritanopia
74B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59BF0D 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 #59BF0D looks like.

```
.text, #text, p{  
    color:#59BF0D  
}
```

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 #59BF0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59BF0D
}
```

Border

The CSS property to change the border of an element to Hex 59BF0D 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
#59BF0D }
```

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

```
.border{ border-color:#59BF0D }
```

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

Here you see how a box with a 4 pixel #59BF0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59BF0D; -webkit-box-shadow:4px 4px  
4px 4px #59BF0D; box-shadow:4px 4px 4px  
4px #59BF0D }
```

Background

The CSS property to change the background color of an element to Hex 59BF0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59BF0D }
```

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

```
.background{ background-color:#59BF0D }
```

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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