

# Converting Colors

Hex(59DB0E)

Have a look what the booklet for  
Hex(59DB0E) contains.

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**Color**

**Hex(59DB0E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59DB0E
RGB	89, 219, 14
RGB Percent	35%, 86%, 5%
CMY	0.6510, 0.1412, 0.9451
CMYK	0.59, 0.00, 0.94, 0.14
HSL	98°, 88%, 46%
HSV	98°, 94%, 86%
XYZ	29.5306, 52.8186, 9.0541
YIQ	156.7600, -11.6750, -91.3150

# Conversions

## Conversions Part 2

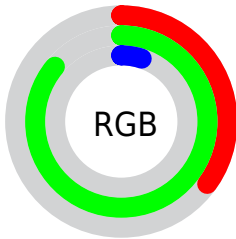
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 219, 144
Decimal	5888782
CIELab	77.77, -65.52, 74.37
CIELCh	78, 99.120, 131.380
Yxy	52.8186, 0.3231, 0.5779
Android (android.graphics.Color)	4284078862 (0xFF59DB0E)
YUV	156.7600, -70.3807, -59.4255
Hunter-Lab	72.6764, -54.6538, 43.4871

# Details

The Hex color **59DB0E** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **900EDB**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **99FF59**, and **00A300** is the 20% darker color. If you saturate the color by 10%, you get **50DB00**, and if you desaturate by 10%, it is **67DB24**.

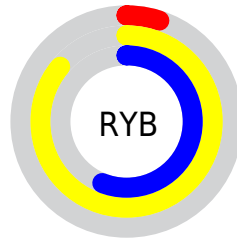
# Distribution



Red (35%)

Green (86%)

Blue (5%)



Red (5%)

Yellow (86%)

Blue (56%)

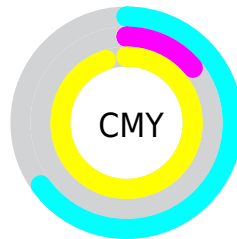


Cyan (59%)

Magenta (0%)

Yellow (94%)

Black (14%)



Cyan (65%)

Magenta (14%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59DB0E 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 59DB0E by changing the saturation by 10% instead.



 59DB0E

 59DB0E

FFFFFF

 34BF00

 99FF59

 00A300

 B7FF76

 008800

 D6FF93

 006D00

 F5FFB0

 005300

 FFFFCD

 003B00

 FFFFEB

 002200

 000000

 59DB0E

 59DB0E

 50DB00

 67DB24

 75DB3A

 83DB50

 91DB66

 9EDB7B

 ACDB91

 BADBA7

 C8DBBD

 D6DBD3

# Harmonies

## Analogous

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



C7C700



59DB0E



00E581

# Triad

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



59DB0E



00DAFF



FF4FA1

# Complementary

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



59DB0E



900EDB

# 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.



FF62FD



59DB0E



00C0FF

# Square

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



59DB0E



00E6FF



ED95FF



FF7849

# Rectangle

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



59DB0E



00E8C2



ED95FF



FF4DC0

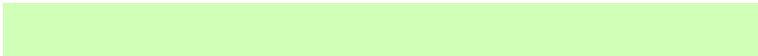


# Sweetspot

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



59DB0E



D2FFB8



DB900E



648054



000000



808080



# Same Dimension

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



59DB0E



5DFF00



0EDB29



676E63



3FAD00



112E00



# Inverse Universe

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



900EDB



A200FF



DB0EC0



6A636E



6E00AD

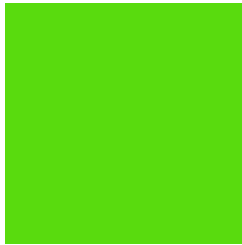


1D002E



# Previews

## White Background



This preview shows how the Hex color 59DB0E 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



This preview shows how the Hex color 59DB0E looks on a 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

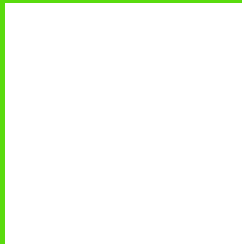
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 59DB0E Background



This preview shows how black text looks on a background with the Hex color 59DB0E.

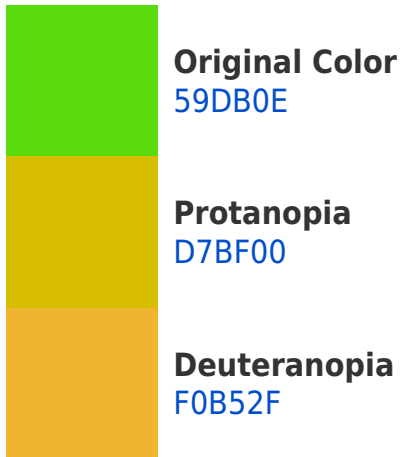


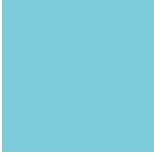
This preview shows how white text looks on a background with the Hex color 59DB0E.

# Color Blindness Simulation

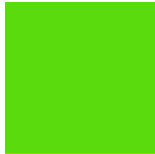
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





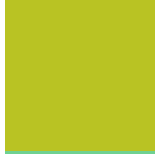
# Trichromacy



**Original Color**  
59DB0E



**Protanomaly**  
A9C905



**Deuteranomaly**  
B9C323



**Tritanomaly**  
6FD191

# Monochromacy



**Original Color**  
59DB0E



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
84B469

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59DB0E 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 #59DB0E looks like.

```
.text, #text, p{  
    color:#59DB0E  
}
```

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 #59DB0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59DB0E
}
```

## Border

The CSS property to change the border of an element to Hex 59DB0E 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
#59DB0E }
```

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

```
.border{ border-color:#59DB0E }
```

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

Here you see how a box with a 4 pixel #59DB0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59DB0E; -webkit-box-shadow:4px 4px  
4px 4px #59DB0E; box-shadow:4px 4px 4px  
4px #59DB0E }
```

# Background

The CSS property to change the background color of an element to Hex 59DB0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59DB0E }
```

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

```
.background{ background-color:#59DB0E }
```

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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