

Converting Colors

Hex(05E11B)

Have a look what the booklet for
Hex(05E11B) contains.

Hex(05E11B)	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(05E11B)

Conversions

Conversions Part 1

Format	Color
Hex	05E11B
RGB	5, 225, 27
RGB Percent	2%, 88%, 11%
CMY	0.9804, 0.1176, 0.8941
CMYK	0.98, 0.00, 0.88, 0.12
HSL	126°, 96%, 45%
HSV	126°, 98%, 88%
XYZ	27.1856, 53.9618, 10.0198
YIQ	136.6480, -67.5620, -108.2180

Conversions

Conversions Part 2

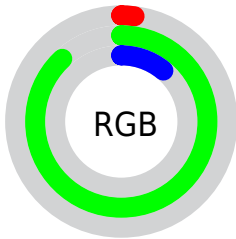
Format	Color
RYB	5, 205, 225
Decimal	385307
CIELab	78.44, -77.63, 72.53
CIELCh	78, 106.243, 136.945
Yxy	53.9618, 0.2982, 0.5919
Android (android.graphics.Color)	4278575387 (0xFF05E11B)
YUV	136.6480, -54.0565, -115.4553
Hunter-Lab	73.4587, -62.4934, 43.3340

Details

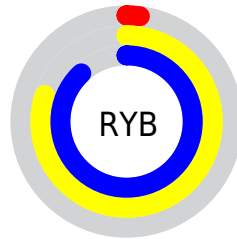
The Hex color **05E11B** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **E105CB**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **70FF5F**, and **00A800** is the 20% darker color. If you saturate the color by 10%, you get **00E116**, and if you desaturate by 10%, it is **1CE12F**.

Distribution



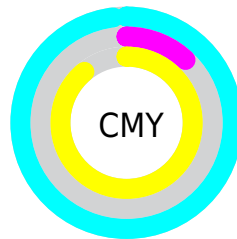
- Red (2%)
- Green (88%)
- Blue (11%)



- Red (2%)
- Yellow (80%)
- Blue (88%)



- Cyan (98%)
- Magenta (0%)
- Yellow (88%)
- Black (12%)



- Cyan (98%)
- Magenta (12%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05E11B 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 05E11B by changing the saturation by 10% instead.

 05E11B

 05E11B

FFFFFF

 00C400

 70FF5F

 00A800

 92FF7C

 008C00

 B2FF99

 007100

 D2FFB6

 005700

 F2FFD3

 003E00

 FFFFF1

 002400

 000000

 05E11B

 05E11B

■ 00E116

■ 1CE12F

■ 32E143

■ 49E158

■ 5FE16C

■ 76E180

■ 8CE194

■ A3E1A9

■ B9E1BD

■ D0E1D1

Harmonies

Analogous

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



B6CF00



05E11B



00EA92

Triad

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



05E11B



00DBFF



FF438F

Complementary

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



05E11B



E105CB

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.



FF4AF2



05E11B



00BBFF

Square

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



05E11B



00E9FF



FF88FF



FF7C2C

Rectangle

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



05E11B



00ECD7



FF88FF



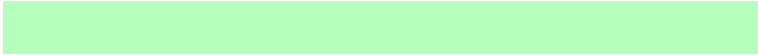
FF38B0

Sweetspot

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



05E11B



B5FFBC



CBE105



538057



000000



808080

Same Dimension

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



05E11B



00FF19



05E189



657066



00B012



003005

Inverse Universe

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



E105CB



FF00E6



E1055D



70656F



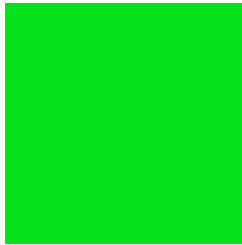
B0009E



30002C

Previews

White Background



This preview shows how the Hex color 05E11B 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 05E11B 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

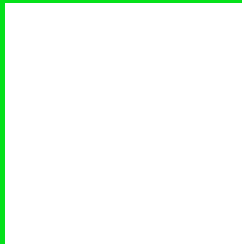
Any Text WCAG AAA ✓ Pass

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

Hex 05E11B Background



This preview shows how black text looks on a background with the Hex color 05E11B.

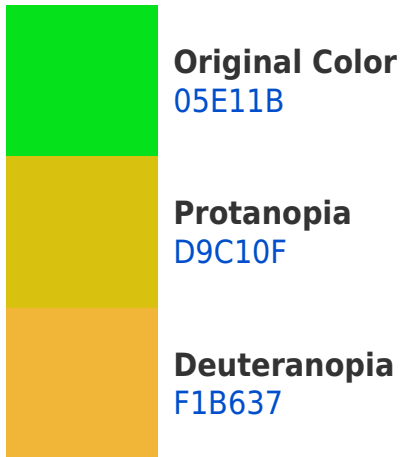


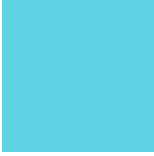
This preview shows how white text looks on a background with the Hex color 05E11B.

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](#).

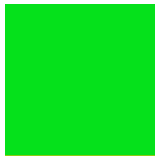
Dichromacy





Tritanopia
5ED1E2

Trichromacy



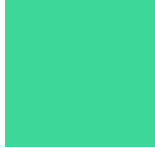
Original Color
05E11B



Protanomaly
8CCD13

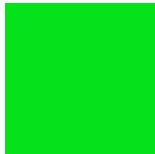


Deuteranomaly
9BC62D



Tritanomaly
3ED79A

Monochromacy



Original Color
05E11B



Achromatopsia
898989



Achromatomaly
59A961

CSS Examples

Text

The CSS property to change the color of the text to Hex 05E11B 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 #05E11B looks like.

```
.text, #text, p{  
    color:#05E11B  
}
```

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 #05E11B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05E11B
}
```

Border

The CSS property to change the border of an element to Hex 05E11B 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".

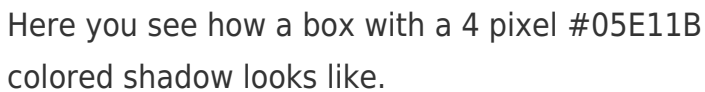
```
.border, #border, table{ border:4px solid
#05E11B }
```

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

```
.border{ border-color:#05E11B }
```

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

Here you see how a box with a 4 pixel #05E11B colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05E11B; -webkit-box-shadow:4px 4px  
4px 4px #05E11B; box-shadow:4px 4px 4px  
4px #05E11B }
```

Background

The CSS property to change the background color of an element to Hex 05E11B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05E11B }
```

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

```
.background{ background-color:#05E11B }
```

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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