

Converting Colors

Hex(05FA11)

Have a look what the booklet for
Hex(05FA11) contains.

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Color

Hex(05FA11)

Conversions

Conversions Part 1

Format	Color
Hex	05FA11
RGB	5, 250, 17
RGB Percent	2%, 98%, 7%
CMY	0.9804, 0.0196, 0.9333
CMYK	0.98, 0.00, 0.93, 0.02
HSL	123°, 96%, 50%
HSV	123°, 98%, 98%
XYZ	34.3494, 68.4440, 11.9309
YIQ	150.1830, -71.2270, -124.4030

Conversions

Conversions Part 2

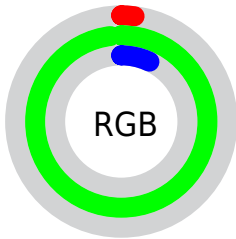
Format	Color
R_{YB}	5, 239, 250
Decimal	391697
CIE _{Lab}	86.23, -84.49, 80.55
CIE _{LCh}	86, 116.734, 136.368
Yxy	68.4440, 0.2994, 0.5966
Android (android.graphics.Color)	4278581777 (0xFF05FA11)
YUV	150.1830, -65.6592, -127.3255
Hunter-Lab	82.7309, -70.6668, 49.3612

Details

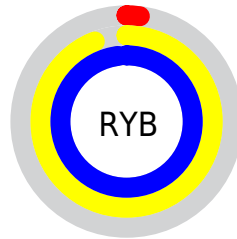
The Hex color **05FA11** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **FA05EE**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **77FF5F**, and **00C000** is the 20% darker color. If you saturate the color by 10%, you get **00FA0C**, and if you desaturate by 10%, it is **1EFA29**.

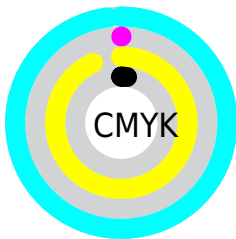
Distribution



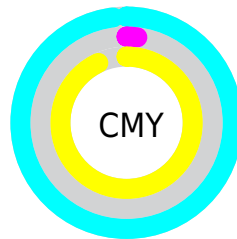
- Red (2%)
- Green (98%)
- Blue (7%)



- Red (2%)
- Yellow (94%)
- Blue (98%)



- Cyan (98%)
- Magenta (0%)
- Yellow (93%)
- Black (2%)



- Cyan (98%)
- Magenta (2%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05FA11 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 05FA11 by changing the saturation by 10% instead.

 05FA11

 05FA11

FFFFFF

 00DD00

 77FF5F

 00C000

 9AFF7E

 00A300

 BCFF9B

 008700

 DDFFB9

 006C00


 FDFFD7

 005200

 FFFFF5

 003800

 001E00

 000000

 05FA11

 05FA11

 00FA0C

 1EFA29

 37FA41

 50FA58

 69FA70

 82FA88

 9BFAA0

 B4FAB7

 CDFACF

 E6FAE7

Harmonies

Analogous

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



CBE500



05FA11



00FF9F

Triad

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



05FA11



00F4FF



FF44A1

Complementary

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



05FA11



FA05EE

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.



FF4FFF



05FA11



00D1FF

Square

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



05FA11



00FFFF



FF98FF



FF8832

Rectangle

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



05FA11



00FFED



FF98FF



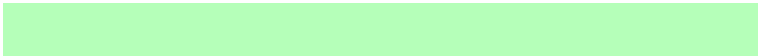
FF37C5

Sweetspot

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



05FA11



B5FFB9



F2FA05



538055



000000



808080

Same Dimension

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



05FA11



00FF0C



05FA88



707D71



00BD09



003D03

Inverse Universe

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



FA05EE



FF00F3



FA0577



7D707C



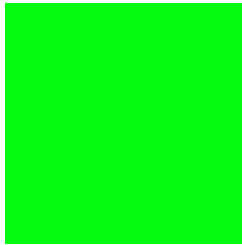
BD00B3



3D003A

Previews

White Background



This preview shows how the Hex color 05FA11 looks on a white background.

Color Contrast Check

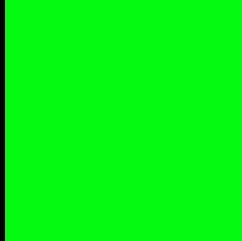
Large Text (above 18pt) WCAG AA × Fail

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 05FA11 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

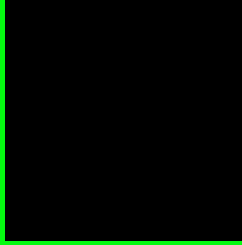
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

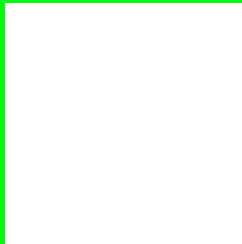
Any Text WCAG AAA ✓ Pass

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

Hex 05FA11 Background



This preview shows how black text looks on a background with the Hex color 05FA11.



This preview shows how white text looks on a background with the Hex color 05FA11.

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](#).

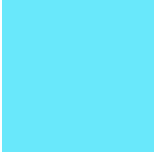
Dichromacy



Original Color
05FA11

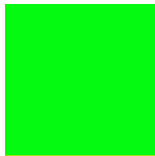
Protanopia
F1D600

Deuteranopia
FFCE7D



Tritanopia
69E8FB

Trichromacy



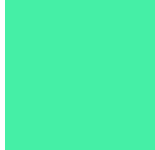
Original Color
05FA11



Protanomaly
9BE306

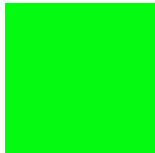


Deuteranomaly
A4DE56



Tritanomaly
45EFA6

Monochromacy



Original Color
05FA11



Achromatopsia
969696



Achromatomaly
61BA66

CSS Examples

Text

The CSS property to change the color of the text to Hex 05FA11 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 #05FA11 looks like.

```
.text, #text, p{  
    color:#05FA11  
}
```

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 #05FA11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05FA11
}
```

Border

The CSS property to change the border of an element to Hex 05FA11 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
#05FA11 }
```

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

```
.border{ border-color:#05FA11 }
```

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

Here you see how a box with a 4 pixel #05FA11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05FA11; -webkit-box-shadow:4px 4px  
4px 4px #05FA11; box-shadow:4px 4px 4px  
4px #05FA11 }
```

Background

The CSS property to change the background color of an element to Hex 05FA11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05FA11 }
```

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

```
.background{ background-color:#05FA11 }
```

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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