

Converting Colors

Hex(05F239)

Have a look what the booklet for
Hex(05F239) contains.

Hex(05F239)	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(05F239)

Conversions

Conversions Part 1

Format	Color
Hex	05F239
RGB	5, 242, 57
RGB Percent	2%, 95%, 22%
CMY	0.9804, 0.0510, 0.7765
CMYK	0.98, 0.00, 0.76, 0.05
HSL	133°, 96%, 48%
HSV	133°, 98%, 95%
XYZ	32.5532, 63.8319, 14.4760
YIQ	150.0470, -81.8670, -107.7790

Conversions

Conversions Part 2

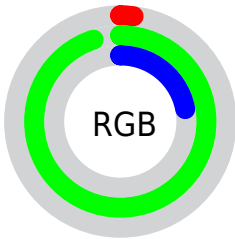
Format	Color
R_{YB}	5, 199, 242
Decimal	389689
CIE _{Lab}	83.88, -80.68, 70.13
CIE _{LCh}	84, 106.898, 139.003
Yxy	63.8319, 0.2936, 0.5758
Android (android.graphics.Color)	4278579769 (0xFF05F239)
YUV	150.0470, -45.8722, -127.2062
Hunter-Lab	79.8949, -67.0861, 45.1838

Details

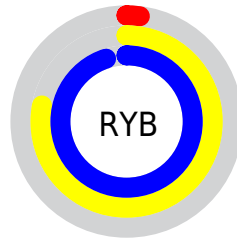
The Hex color **05F239** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **F205BE**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **74FF75**, and **00B800** is the 20% darker color. If you saturate the color by 10%, you get **00F235**, and if you desaturate by 10%, it is **1DF24C**.

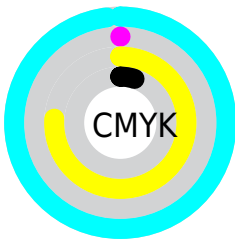
Distribution



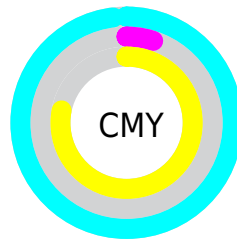
- Red (2%)
- Green (95%)
- Blue (22%)



- Red (2%)
- Yellow (78%)
- Blue (95%)



- Cyan (98%)
- Magenta (0%)
- Yellow (76%)
- Black (5%)



- Cyan (98%)
- Magenta (5%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05F239 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 05F239 by changing the saturation by 10% instead.

 05F239

 05F239

FFFFFF

 00D510

 74FF75

 00B800

 96FF91

 009C00

 B7FFAE

 008000

 D8FFCB

 006500

 F8FFE8

 004B00

 003200

 001600

 000000

 05F239

 05F239

 00F235

 1DF24C

 35F25F

 4EF272

 66F285

 7EF297

 96F2AA

 AEF2BD

 C7F2D0

 DFF2E3

Harmonies

Analogous

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



BFE000



05F239



00FBA7

Triad

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



05F239



00E8FF



FF5B96

Complementary

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



05F239



F205BE

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.



FF5CFB



05F239



60C7FF

Square

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



05F239



00F9FF



FF93FF



FF9033

Rectangle

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



05F239



00FDEE



FF93FF



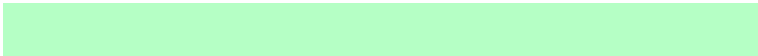
FF52B7

Sweetspot

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



05F239



B5FFC5



BFF205



53805D



000000



808080

Same Dimension

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



05F239



00FF38



05F2AF



6C786E



00B828



00380C

Inverse Universe

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



F205BE



FF00C7



F20548



786C75



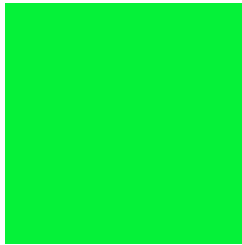
B8008F



38002C

Previews

White Background



This preview shows how the Hex color 05F239 looks on a white background.

Color Contrast Check

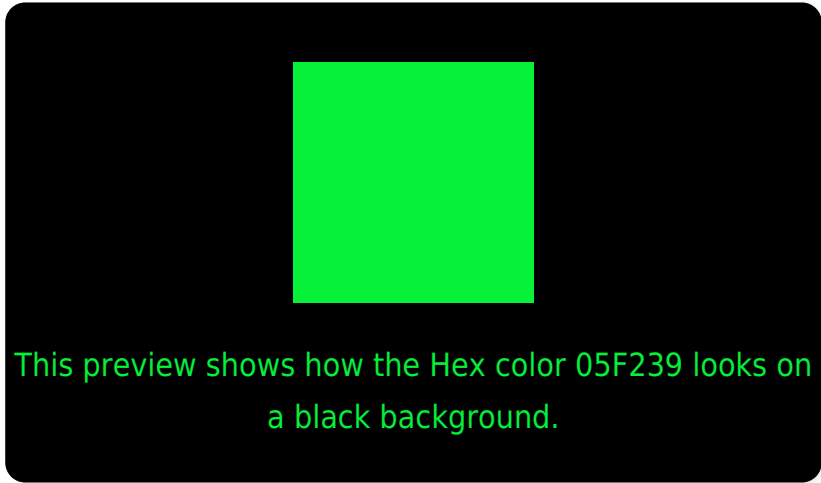
Large Text (above 18pt) WCAG AA × Fail

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

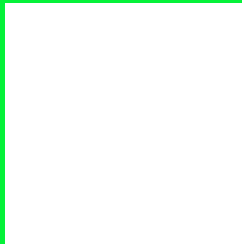
Any Text WCAG AAA ✓ Pass

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

Hex 05F239 Background



This preview shows how black text looks on a background with the Hex color 05F239.

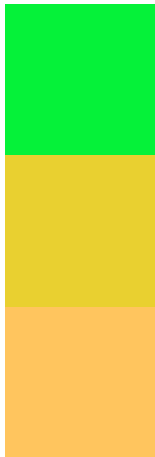


This preview shows how white text looks on a background with the Hex color 05F239.

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](#).

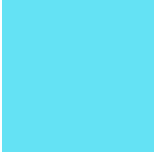
Dichromacy



Original Color
05F239

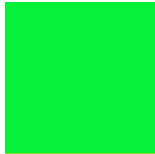
Protanopia
E9D030

Deuteranopia
FFC55E



Tritanopia
64E2F4

Trichromacy



Original Color
05F239



Protanomaly
96DC33

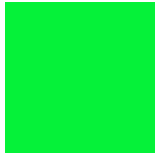


Deuteranomaly
A4D551



Tritanomaly
41E8B0

Monochromacy



Original Color
05F239



Achromatopsia
969696



Achromatomaly
61B774

CSS Examples

Text

The CSS property to change the color of the text to Hex 05F239 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 #05F239 looks like.

```
.text, #text, p{  
    color:#05F239  
}
```

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 #05F239 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05F239
}
```

Border

The CSS property to change the border of an element to Hex 05F239 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".

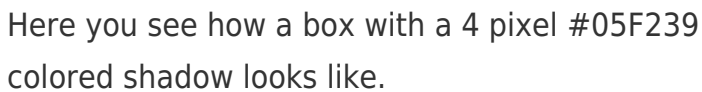
```
.border, #border, table{ border:4px solid
#05F239 }
```

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

```
.border{ border-color:#05F239 }
```

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

Here you see how a box with a 4 pixel #05F239 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05F239; -webkit-box-shadow:4px 4px  
4px 4px #05F239; box-shadow:4px 4px 4px  
4px #05F239 }
```

Background

The CSS property to change the background color of an element to Hex 05F239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05F239 }
```

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

```
.background{ background-color:#05F239 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor