

# Converting Colors

Hex(05FD59)

Have a look what the booklet for  
Hex(05FD59) contains.

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**Color**

**Hex(05FD59)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05FD59
RGB	5, 253, 89
RGB Percent	2%, 99%, 35%
CMY	0.9804, 0.0078, 0.6510
CMYK	0.98, 0.00, 0.65, 0.01
HSL	140°, 98%, 51%
HSV	140°, 98%, 99%
XYZ	36.9910, 71.0041, 21.2067
YIQ	160.1520, -95.1640, -103.5800

# Conversions

## Conversions Part 2

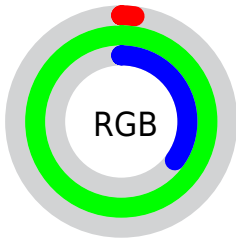
Format	Color
<b>RYB</b>	5, 190, 253
Decimal	392537
CIELab	87.49, -81.01, 62.49
CIElCh	87, 102.315, 142.352
Yxy	71.0041, 0.2863, 0.5496
Android (android.graphics.Color)	4278582617 (0xFF05FD59)
YUV	160.1520, -35.0779, -136.0683
Hunter-Lab	84.2639, -69.1021, 44.0632

# Details

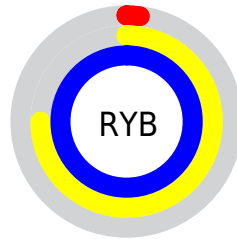
The Hex color **05FD59** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **FD05A9**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **75FF91**, and **00C31B** is the 20% darker color. If you saturate the color by 10%, you get **00FD56**, and if you desaturate by 10%, it is **1EFD6A**.

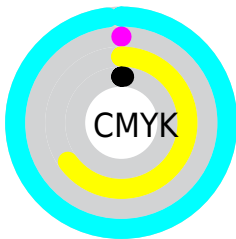
# Distribution



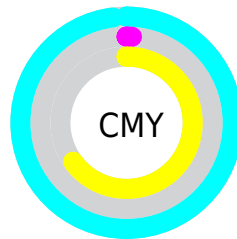
- Red (2%)
- Green (99%)
- Blue (35%)



- Red (2%)
- Yellow (75%)
- Blue (99%)



- Cyan (98%)
- Magenta (0%)
- Yellow (65%)
- Black (1%)



- Cyan (98%)
- Magenta (1%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05FD59 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 05FD59 by changing the saturation by 10% instead.



 05FD59

 05FD59

FFFFFF

 00DF3C


 75FF91

 00C31B

 98FFAD

 00A600

 B9FFCA

 008A00

 DAF FE7

 006F00

 FAFFFF

 005500

 003C00

 002100

 000000

 05FD59

 05FD59

 00FD56

 1EFD6A

 38FD7A

 51FD8B

 6AFD9C

 84FDAD

 9DFDBD

 B6FDCE

 CFFDDF

 E9FDF0

# Harmonies

## Analogous

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



C1EC00



05FD59



00FFBE

# Triad

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



05FD59



00EFFF



FF7698

# Complementary

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



05FD59



FD05A9

# Split Complementary

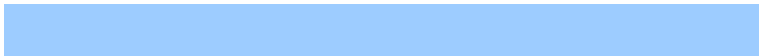
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF70F9



05FD59



9DCCFF

# Square

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



05FD59



00FFFF



FF9CFF



FFA33B

# Rectangle

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



05FD59



00FFFF



FF9CFF



FF6DB7

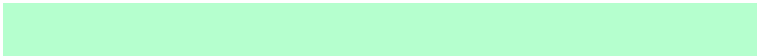


# Sweetspot

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



05FD59



B5FFCE



AAFD05



538062



000000



808080



# Same Dimension

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



05FD59



00FF56



05FDD4



738077



00BF41



004016



# Inverse Universe

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



FD05A9



FF00A9



FD052E



80737B



BF007E

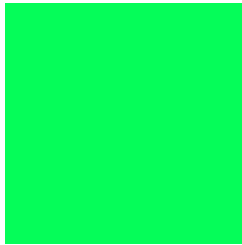


40002A



# Previews

## White Background



This preview shows how the Hex color 05FD59 looks on a white background.

## Color Contrast Check

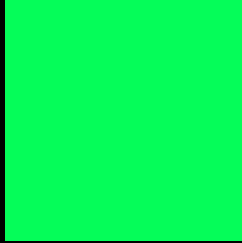
Large Text (above 18pt) WCAG AA × Fail

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 05FD59 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 05FD59 Background



This preview shows how black text looks on a background with the Hex color 05FD59.

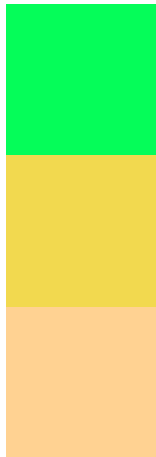


This preview shows how white text looks on a background with the Hex color 05FD59.

# 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](#).

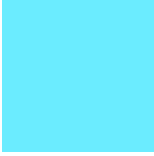
## Dichromacy



**Original Color**  
05FD59

**Protanopia**  
F2D94F

**Deuteranopia**  
FFD292



**Tritanopia**  
6BECFF

# Trichromacy



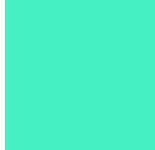
**Original Color**  
05FD59



**Protanomaly**  
9CE653



**Deuteranomaly**  
A4E27D



**Tritanomaly**  
46F2C3

# Monochromacy



**Original Color**  
05FD59



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
68C286

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05FD59 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 #05FD59 looks like.

```
.text, #text, p{  
    color:#05FD59  
}
```

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 #05FD59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05FD59
}
```

## Border

The CSS property to change the border of an element to Hex 05FD59 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
#05FD59 }
```

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

```
.border{ border-color:#05FD59 }
```

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

Here you see how a box with a 4 pixel #05FD59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05FD59; -webkit-box-shadow:4px 4px  
4px 4px #05FD59; box-shadow:4px 4px 4px  
4px #05FD59 }
```

# Background

The CSS property to change the background color of an element to Hex 05FD59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05FD59 }
```

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

```
.background{ background-color:#05FD59 }
```

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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