

Converting Colors

Hex(07FF5F)

Have a look what the booklet for
Hex(07FF5F) contains.

Hex(07FF5F)	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(07FF5F)

Conversions

Conversions Part 1

Format	Color
Hex	07FF5F
RGB	7, 255, 95
RGB Percent	3%, 100%, 37%
CMY	0.9725, 0.0000, 0.6275
CMYK	0.97, 0.00, 0.63, 0.00
HSL	141°, 100%, 51%
HSV	141°, 97%, 100%
XYZ	37.9132, 72.3914, 22.8012
YIQ	162.6080, -96.4480, -102.3360

Conversions

Conversions Part 2

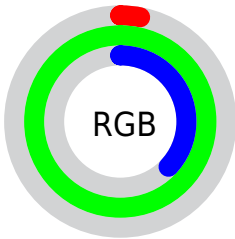
Format	Color
RYB	7, 190, 255
Decimal	524127
CIELab	88.16, -80.89, 60.81
CIELCh	88, 101.200, 143.064
Yxy	72.3914, 0.2848, 0.5439
Android (android.graphics.Color)	4278714207 (0xFF07FF5F)
YUV	162.6080, -33.3307, -136.4682
Hunter-Lab	85.0831, -69.3556, 43.6692

Details

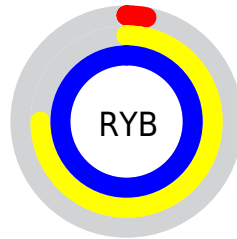
The Hex color **07FF5F** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **FF07A7**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **76FF97**, and **00C424** is the 20% darker color. If you saturate the color by 10%, you get **00FF5A**, and if you desaturate by 10%, it is **21FF6F**.

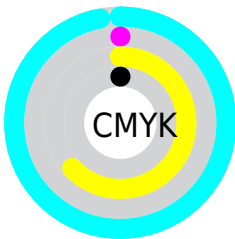
Distribution



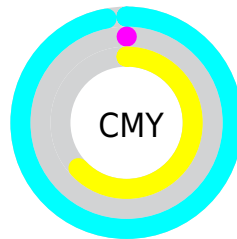
- Red (3%)
- Green (100%)
- Blue (37%)



- Red (3%)
- Yellow (75%)
- Blue (100%)



- Cyan (97%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)




- Cyan (97%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07FF5F 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 07FF5F by changing the saturation by 10% instead.

 07FF5F

 07FF5F

FFFFFF

 00E143

 76FF97

 00C424

 99FFB3

 00A800

 BAFFCF

 008C00

 DBFFED

 007100


 FBFFFF


 005600

 003E00

 002300

 000000

 07FF5F

 07FF5F

 00FF5A

 21FF6F

 3AFF80

 54FF90

 6DFFA1

 87FFB1

 A0FFC2

 BAFFD2

 D3FFE3

 EDFFF3

Harmonies

Analogous

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



C1EE00



07FF5F



00FFC3

Triad

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



07FF5F



00FFFF



FF7C98

Complementary

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



07FF5F



FF07A7

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.



FF74F8



07FF5F



A7CDFE

Square

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



07FF5F



00FFFF



FF9EFF



FFA73D

Rectangle

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



07FF5F



00FFFF



FF9EFF



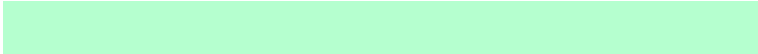
FF73B7

Sweetspot

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



07FF5F



B5FFCF



A8FF07



538063



000000



808080

Same Dimension

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



07FF5F



00FF5A



07FFDA



738077



00BF44



004017

Inverse Universe

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



FF07A7



FF00A5



FF072C



80737B



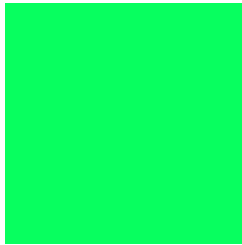
BF007B



400029

Previews

White Background



This preview shows how the Hex color 07FF5F 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 07FF5F 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 07FF5F Background



This preview shows how black text looks on a background with the Hex color 07FF5F.

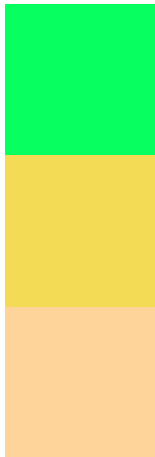


This preview shows how white text looks on a background with the Hex color 07FF5F.

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](#).

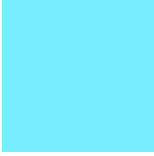
Dichromacy



Original Color
07FF5F

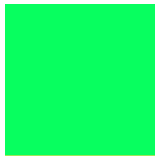
Protanopia
F4DB55

Deuteranopia
FFD49A



Tritanopia
77EDFF

Trichromacy



Original Color
07FF5F



Protanomaly
9EE859



Deuteranomaly
A5E485



Tritanomaly
4EF4C5

Monochromacy



Original Color
07FF5F



Achromatopsia
A3A3A3



Achromatomaly
6AC48A

CSS Examples

Text

The CSS property to change the color of the text to Hex 07FF5F 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 #07FF5F looks like.

```
.text, #text, p{  
    color:#07FF5F  
}
```

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 #07FF5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07FF5F
}
```

Border

The CSS property to change the border of an element to Hex 07FF5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

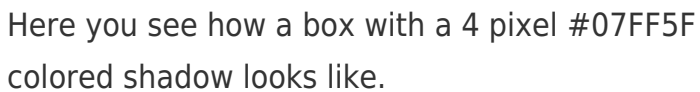
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#07FF5F }
```

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

```
.border{ border-color:#07FF5F }
```

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



Here you see how a box with a 4 pixel `#07FF5F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07FF5F; -webkit-box-shadow:4px 4px  
4px 4px #07FF5F; box-shadow:4px 4px 4px  
4px #07FF5F }
```

Background

The CSS property to change the background color of an element to Hex 07FF5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07FF5F }
```

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

```
.background{ background-color:#07FF5F }
```

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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