

Converting Colors

Hex(00FF5D)

Have a look what the booklet for
Hex(00FF5D) contains.

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Color

Hex(00FF5D)

Conversions

Conversions Part 1

Format	Color
Hex	00FF5D
RGB	0, 255, 93
RGB Percent	0%, 100%, 36%
CMY	1.0000, 0.0000, 0.6353
CMYK	1.00, 0.00, 0.64, 0.00
HSL	142°, 100%, 50%
HSV	142°, 100%, 100%
XYZ	37.7358, 72.3103, 22.3243
YIQ	160.2870, -99.9780, -104.4420

Conversions

Conversions Part 2

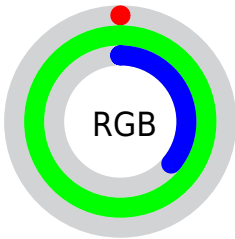
Format	Color
RYB	0, 187, 255
Decimal	65373
CIELab	88.12, -81.30, 61.58
CIELCh	88, 101.987, 142.857
Yxy	72.3103, 0.2851, 0.5463
Android (android.graphics.Color)	4278255453 (0xFF00FF5D)
YUV	160.2870, -33.1725, -140.5717
Hunter-Lab	85.0355, -69.6000, 43.9594

Details

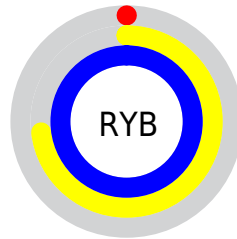
The Hex color **00FF5D** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **FF00A2**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **75FF95**, and **00C421** is the 20% darker color. If you saturate the color by 10%, you get **00FF5D**, and if you desaturate by 10%, it is **19FF6D**.

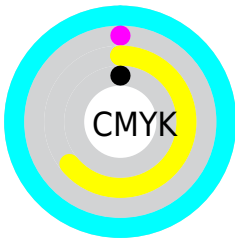
Distribution



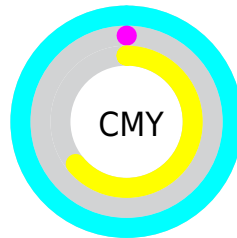
- Red (0%)
- Green (100%)
- Blue (36%)



- Red (0%)
- Yellow (73%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Hex color 00FF5D 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 00FF5D by changing the saturation by 10% instead.

 00FF5D

FFFFFF

 75FF95


 98FFB1

 B9FFCE

 DAFFEB


 FAFFFF

 00FF5D


 00E141

 00C421

 00A800

 008C00

 007100

 005600

 003E00

 002300

 000000

 00FF5D

 19FF6D

 33FF7D

 4DFF8E

 66FF9E

 80FFAE

 99FFBE

 B3FFCE

 CCFFDF

 E6FFEF

Harmonies

Analogous

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



C1EE00



00FF5D



00FFC2

Triad

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



00FF5D



00FFFF



FF7A98

Complementary

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



00FF5D



FF00A2

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.



FF73F9



00FF5D



A4CFFF

Square

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



00FF5D



00FFFF



FF9DFF



FFA63C

Rectangle

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



00FF5D



00FFFF



FF9DFF



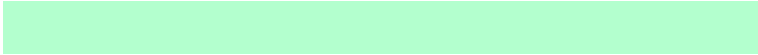
FF71B8

Sweetspot

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



00FF5D



B3FFCE



A6FF00



528062



000000



808080

Same Dimension

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



00FF5D



00FFD9



738077



00BF46



004017

Inverse Universe

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



FF00A2



FF0026



80737B



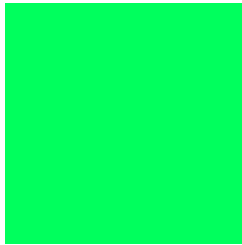
BF007A



400029

Previews

White Background



This preview shows how the Hex color 00FF5D looks on a white background.

Color Contrast Check

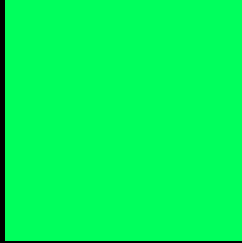
Large Text (above 18pt) WCAG AA × Fail

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 00FF5D 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 00FF5D Background



This preview shows how black text looks on a background with the Hex color 00FF5D.

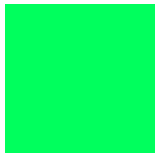


This preview shows how white text looks on a background with the Hex color 00FF5D.

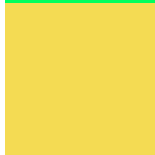
Color Blindness Simulation

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



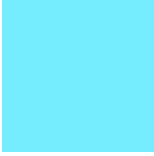
Original Color
00FF5D



Protanopia
F4DB53

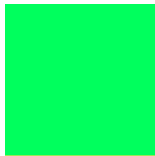


Deuteranopia
FFD499



Tritanopia
76EDFF

Trichromacy



Original Color
00FF5D



Protanomaly
9BE857



Deuteranomaly
A2E483



Tritanomaly
4BF4C4

Monochromacy



Original Color
00FF5D



Achromatopsia
A0A0A0



Achromatomaly
66C388

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FF5D 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 #00FF5D looks like.

```
.text, #text, p{  
    color:#00FF5D  
}
```

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 #00FF5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FF5D
}
```

Border

The CSS property to change the border of an element to Hex 00FF5D 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
#00FF5D }
```

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

```
.border{ border-color:#00FF5D }
```

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

Here you see how a box with a 4 pixel #00FF5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FF5D; -webkit-box-shadow:4px 4px  
4px 4px #00FF5D; box-shadow:4px 4px 4px  
4px #00FF5D }
```

Background

The CSS property to change the background color of an element to Hex 00FF5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FF5D }
```

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

```
.background{ background-color:#00FF5D }
```

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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