

# Converting Colors

Hex(00FF5E)

Have a look what the booklet for  
Hex(00FF5E) contains.

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# Color

Hex(00FF5E)

# Conversions

## Conversions Part 1

Format	Color
Hex	00FF5E
RGB	0, 255, 94
RGB Percent	0%, 100%, 37%
CMY	1.0000, 0.0000, 0.6314
CMYK	1.00, 0.00, 0.63, 0.00
HSL	142°, 100%, 50%
HSV	142°, 100%, 100%
XYZ	37.7804, 72.3282, 22.5592
YIQ	160.4010, -100.2990, -104.1310

# Conversions

## Conversions Part 2

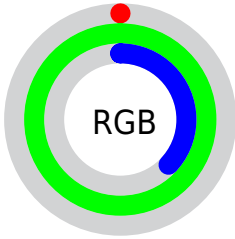
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 186, 255
Decimal	65374
CIELab	88.13, -81.19, 61.18
CIELCh	88, 101.661, 142.999
Yxy	72.3282, 0.2848, 0.5452
Android (android.graphics.Color)	4278255454 (0xFF00FF5E)
YUV	160.4010, -32.7357, -140.6717
Hunter-Lab	85.0460, -69.5345, 43.8050

# Details

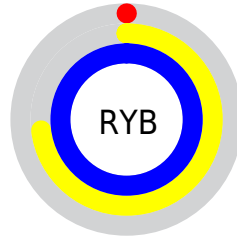
The Hex color **00FF5E** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **FF00A1**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **75FF96**, and **00C423** is the 20% darker color. If you saturate the color by 10%, you get **00FF5E**, and if you desaturate by 10%, it is **19FF6E**.

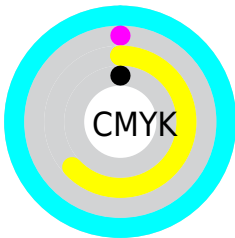
# Distribution



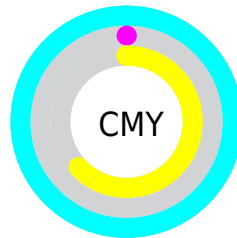
- Red (0%)
- Green (100%)
- Blue (37%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00FF5E 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 00FF5E by changing the saturation by 10% instead.



 00FF5E

 00FF5E

FFFFFF

 00E142

 75FF96

 00C423

 98FFB2

 00A800

 B9FFCF

 008C00

 DAF FEC

 007100

 FAFFFF

 005600

 003E00

 002300

 000000

 00FF5E

 19FF6E

 33FF7E

 4DFF8E

 66FF9E

 80FFAF

 99FFBF

 B3FFCF

 CCFFDF

 E6FFEF

# Harmonies

## Analogous

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



C1EE00



00FF5E



00FFC2

# Triad

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



00FF5E



00FFFF



FF7B98

# Complementary

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



00FF5E



FF00A1

# Split Complementary

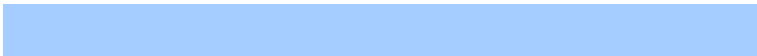
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF73F8



00FF5E



A6CFFF

# Square

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



00FF5E



00FFFF



FF9DFF



FFA73C

# Rectangle

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



00FF5E



00FFFF



FF9DFF



FF72B7

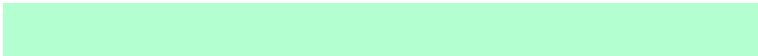


# Sweetspot

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



00FF5E



B3FFCF



A2FF00



528063



000000



808080



# Same Dimension

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



00FF5E



00FFDD



738077



00BF47



004018

# Inverse Universe

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



FF00A1



FF0022



80737B



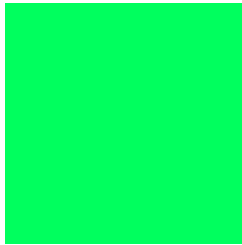
BF0079



400028

# Previews

## White Background



This preview shows how the Hex color 00FF5E looks on a white background.

## Color Contrast Check

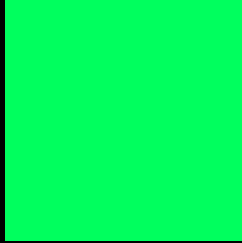
Large Text (above 18pt) WCAG AA × Fail

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 00FF5E 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 00FF5E Background



This preview shows how black text looks on a background with the Hex color 00FF5E.

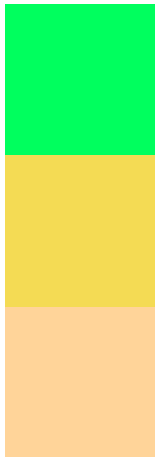


This preview shows how white text looks on a background with the Hex color 00FF5E.

# 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

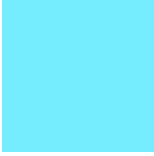


**Original Color**  
00FF5E

**Protanopia**  
F4DB54

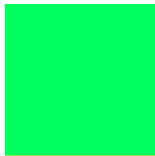
**Deuteranopia**  
FFD499





**Tritanopia**  
76EDFF

# Trichromacy



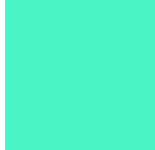
**Original Color**  
00FF5E



**Protanomaly**  
9BE858



**Deuteranomaly**  
A2E484



**Tritanomaly**  
4BF4C4

# Monochromacy



**Original Color**  
00FF5E



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
66C388

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00FF5E 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 #00FF5E looks like.

```
.text, #text, p{  
    color:#00FF5E  
}
```

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 #00FF5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FF5E
}
```

## Border

The CSS property to change the border of an element to Hex 00FF5E 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
#00FF5E }
```

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

```
.border{ border-color:#00FF5E }
```

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

Here you see how a box with a 4 pixel #00FF5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FF5E; -webkit-box-shadow:4px 4px  
4px 4px #00FF5E; box-shadow:4px 4px 4px  
4px #00FF5E }
```

# Background

The CSS property to change the background color of an element to Hex 00FF5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FF5E }
```

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

```
.background{ background-color:#00FF5E }
```

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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