

Converting Colors

Hex(00F955)

Have a look what the booklet for
Hex(00F955) contains.

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Color

Hex(00F955)

Conversions

Conversions Part 1

Format	Color
Hex	00F955
RGB	0, 249, 85
RGB Percent	0%, 98%, 33%
CMY	1.0000, 0.0235, 0.6667
CMYK	1.00, 0.00, 0.66, 0.02
HSL	140°, 100%, 49%
HSV	140°, 100%, 98%
XYZ	35.5154, 68.4072, 19.9264
YIQ	155.8530, -95.7600, -103.7920

Conversions

Conversions Part 2

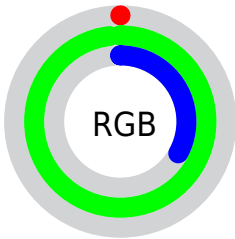
Format	Color
RYB	0, 186, 249
Decimal	63829
CIELab	86.21, -80.43, 62.67
CIELCh	86, 101.963, 142.072
Yxy	68.4072, 0.2868, 0.5523
Android (android.graphics.Color)	4278253909 (0xFF00F955)
YUV	155.8530, -34.9305, -136.6831
Hunter-Lab	82.7087, -68.0917, 43.6118

Details

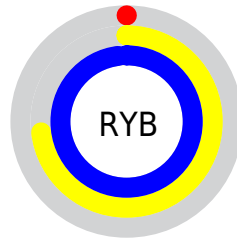
The Hex color **00F955** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **F900A4**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **74FF8D**, and **00BF14** is the 20% darker color. If you saturate the color by 10%, you get **00F955**, and if you desaturate by 10%, it is **19F965**.

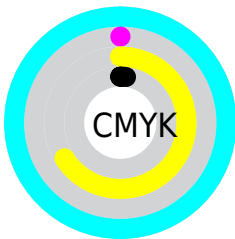
Distribution



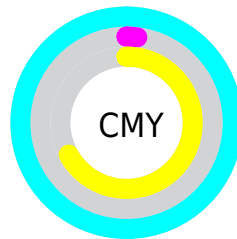
- Red (0%)
- Green (98%)
- Blue (33%)



- Red (0%)
- Yellow (73%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (66%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F955 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 00F955 by changing the saturation by 10% instead.

 00F955

 00F955

FFFFFF

 00DC38

 74FF8D

 00BF14

 96FFA9

 00A200

 B8FFC6

 008700

 D8FFE3

 006C00

 F8FFFF

 005100

 003800

 001E00

 000000

 00F955

 19F965

 32F976

 4BF986

 64F997

 7DF9A7

 95F9B7

 AEF9C8

 C7F9D8

 EOF9E9

Harmonies

Analogous

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



BEE800



00F955



00FFBA

Triad

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



00F955



00EBFF



FF7295

Complementary

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



00F955



F900A4

Split Complementary

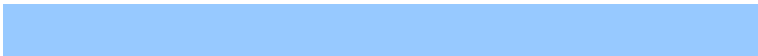
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF6DF6



00F955



97C9FF

Square

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



00F955



00DFFF



FF99FF



FFA039

Rectangle

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



00F955



00FFFD



FF99FF



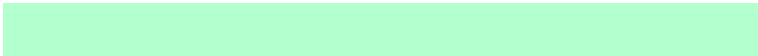
FF69B5

Sweetspot

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



00F955



B3FFCD



A6F900



528061



000000



808080

Same Dimension

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



00F955



00FF57



00F9CF



707D75



00BD40



003D15

Inverse Universe

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



F900A4



FF00A8



F9002A



7D7079



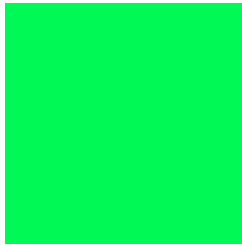
BD007C



3D0028

Previews

White Background



This preview shows how the Hex color 00F955 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 00F955 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 00F955 Background



This preview shows how black text looks on a background with the Hex color 00F955.

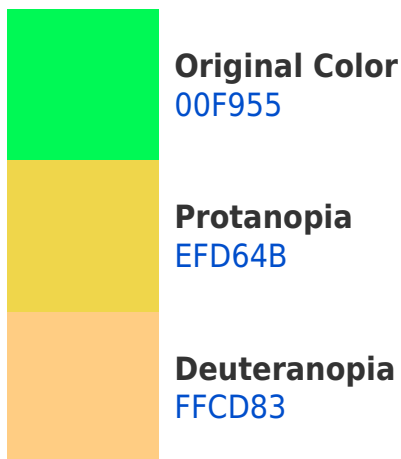


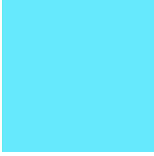
This preview shows how white text looks on a background with the Hex color 00F955.

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](#).

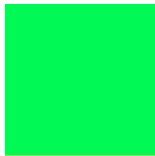
Dichromacy





Tritanopia
65E9FC

Trichromacy



Original Color
00F955



Protanomaly
98E34F



Deuteranomaly
A2DD72



Tritanomaly
40EFBF

Monochromacy



Original Color
00F955



Achromatopsia
9C9C9C



Achromatomaly
63BE82

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F955 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 #00F955 looks like.

```
.text, #text, p{  
    color:#00F955  
}
```

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 #00F955 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F955
}
```

Border

The CSS property to change the border of an element to Hex 00F955 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
#00F955 }
```

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

```
.border{ border-color:#00F955 }
```

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

Here you see how a box with a 4 pixel #00F955 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F955; -webkit-box-shadow:4px 4px  
4px 4px #00F955; box-shadow:4px 4px 4px  
4px #00F955 }
```

Background

The CSS property to change the background color of an element to Hex 00F955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F955 }
```

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

```
.background{ background-color:#00F955 }
```

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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