

Converting Colors

Hex(00F96B)

Have a look what the booklet for
Hex(00F96B) contains.

Hex(00F96B)	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(00F96B)

Conversions

Conversions Part 1

Format	Color
Hex	00F96B
RGB	0, 249, 107
RGB Percent	0%, 98%, 42%
CMY	1.0000, 0.0235, 0.5804
CMYK	1.00, 0.00, 0.57, 0.02
HSL	146°, 100%, 49%
HSV	146°, 100%, 98%
XYZ	36.5295, 68.8129, 25.2668
YIQ	158.3610, -102.8220, -96.9500

Conversions

Conversions Part 2

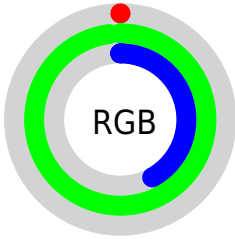
Format	Color
RYB	0, 174, 249
Decimal	63851
CIELab	86.41, -77.90, 53.67
CIElCh	86, 94.597, 145.435
Yxy	68.8129, 0.2797, 0.5269
Android (android.graphics.Color)	4278253931 (0xFF00F96B)
YUV	158.3610, -25.3210, -138.8826
Hunter-Lab	82.9535, -66.5642, 40.0083

Details

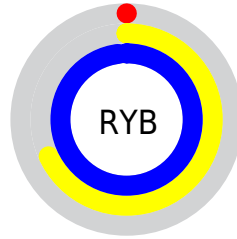
The Hex color **00F96B** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **F9008E**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **73FFA2**, and **00BF35** is the 20% darker color. If you saturate the color by 10%, you get **00F96B**, and if you desaturate by 10%, it is **19F979**.

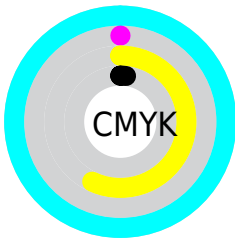
Distribution



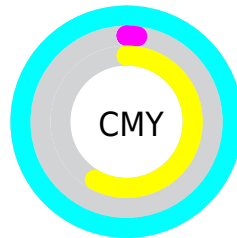
- Red (0%)
- Green (98%)
- Blue (42%)



- Red (0%)
- Yellow (68%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F96B 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 00F96B by changing the saturation by 10% instead.

 00F96B

 00F96B

FFFFFF

 00DC50

 73FFA2

 00BF35

 95FFBE

 00A215

 B6FFDA

 008700

 D7FFF8

 006C00

 F7FFFF

 005100

 003900

 001E00

 000000

 00F96B

 19F979

 32F987

 4BF996

 64F9A4

 7DF9B2

 95F9C0

 AEF9CE

 C7F9DD

 EOF9EB

Harmonies

Analogous

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



B8EA00



00F96B



00FFC7

Triad

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



00F96B



00E7FF



FF8391

Complementary

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



00F96B



F9008E

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.



FF7AEA



00F96B



B8C6FF

Square

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



00F96B



00FAFF



FF9BFF



FFAA3F

Rectangle

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



00F96B



00FFFF



FF9BFF



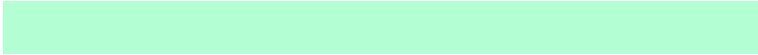
FF7BAE

Sweetspot

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



00F96B



B3FFD3



91F900



528065



000000



808080

Same Dimension

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



00F96B



00FF6E



00F9E4



707D76



00BD51



003D1A

Inverse Universe

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



F9008E



FF0091



F90015



7D7078



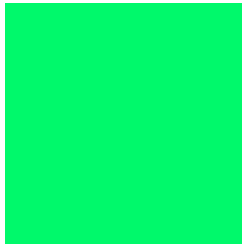
BD006C



3D0023

Previews

White Background



This preview shows how the Hex color 00F96B looks on a white background.

Color Contrast Check

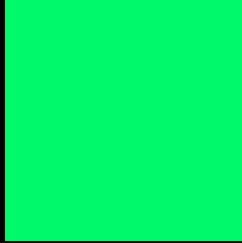
Large Text (above 18pt) WCAG AA × Fail

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 00F96B 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 00F96B Background



This preview shows how black text looks on a background with the Hex color 00F96B.

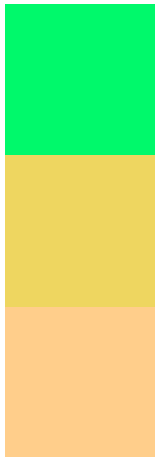


This preview shows how white text looks on a background with the Hex color 00F96B.

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](#).

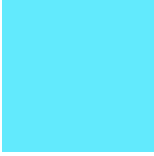
Dichromacy



Original Color
00F96B

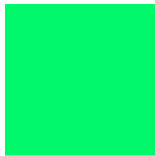
Protanopia
EED660

Deuteranopia
FFCE8B



Tritanopia
62EAFD

Trichromacy



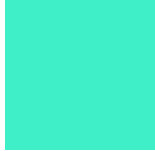
Original Color
00F96B



Protanomaly
97E364



Deuteranomaly
A2DE7F



Tritanomaly
3EEFC8

Monochromacy



Original Color
00F96B



Achromatopsia
9E9E9E



Achromatomaly
65BF8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F96B 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 #00F96B looks like.

```
.text, #text, p{  
    color:#00F96B  
}
```

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 #00F96B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F96B
}
```

Border

The CSS property to change the border of an element to Hex 00F96B 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
#00F96B }
```

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

```
.border{ border-color:#00F96B }
```

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

Here you see how a box with a 4 pixel #00F96B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F96B; -webkit-box-shadow:4px 4px  
4px 4px #00F96B; box-shadow:4px 4px 4px  
4px #00F96B }
```

Background

The CSS property to change the background color of an element to Hex 00F96B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F96B }
```

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

```
.background{ background-color:#00F96B }
```

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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