

Converting Colors

Hex(00FD76)

Have a look what the booklet for
Hex(00FD76) contains.

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Color

Hex(00FD76)

Conversions

Conversions Part 1

Format	Color
Hex	00FD76
RGB	0, 253, 118
RGB Percent	0%, 99%, 46%
CMY	1.0000, 0.0078, 0.5373
CMYK	1.00, 0.00, 0.53, 0.01
HSL	148°, 100%, 50%
HSV	148°, 100%, 99%
XYZ	38.3953, 71.5586, 28.9281
YIQ	161.9630, -107.4530, -95.6210

Conversions

Conversions Part 2

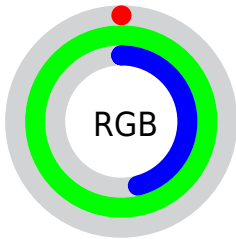
Format	Color
RYB	0, 173, 253
Decimal	64886
CIELab	87.76, -77.61, 50.32
CIELCh	88, 92.491, 147.043
Yxy	71.5586, 0.2765, 0.5152
Android (android.graphics.Color)	4278254966 (0xFF00FD76)
YUV	161.9630, -21.6738, -142.0416
Hunter-Lab	84.5923, -67.0178, 38.9392

Details

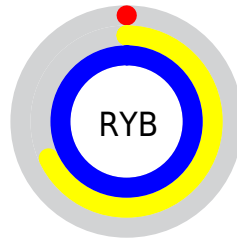
The Hex color **00FD76** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **FD0087**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **73FFAD**, and **00C341** is the 20% darker color. If you saturate the color by 10%, you get **00FD76**, and if you desaturate by 10%, it is **19FD84**.

Distribution



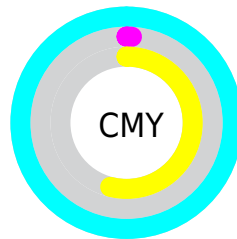
- Red (0%)
- Green (99%)
- Blue (46%)



- Red (0%)
- Yellow (68%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FD76 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 00FD76 by changing the saturation by 10% instead.

 00FD76

FFFFFF

 73FFAD

 96FFC9

 B7FFE6

 D8FFFF

 F8FFFF

 00FD76

 00E05B

 00C341

 00A625

 008A00

 006F00

 005500

 003D00

 002200

 000000

 00FD76

 19FD84

 33FD91

 4CFD9E

 65FDAC

 7FFDBA

 98FDC7

 B1FDD5

 CAFDE2

 E4FDF0

Harmonies

Analogous

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



B8EE1C



00FD76



00FFD0

Triad

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



00FD76



00E9FF



FF8C92

Complementary

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



00FD76



FD0087

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.



FF81E9



00FD76



C8C8FF

Square

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



00FD76



00FCFF



FF9FFF



FFB143

Rectangle

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



00FD76



00FFFF



FF9FFF



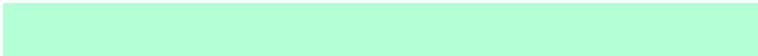
FF84AE

Sweetspot

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



00FD76



B3FFD6



8BFD00



528067



000000



808080

Same Dimension

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



00FD76



00FF77



00DFD0



738079



00BF59



00401E

Inverse Universe

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



FD0087



FF0088



FD000D



80737A



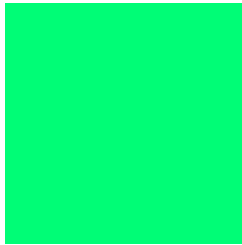
BF0066



400022

Previews

White Background



This preview shows how the Hex color 00FD76 looks on a white background.

Color Contrast Check

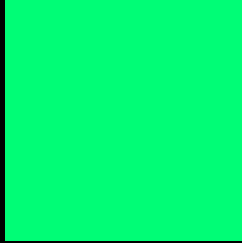
Large Text (above 18pt) WCAG AA × Fail

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 00FD76 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

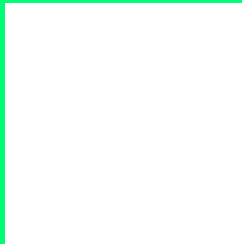
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00FD76 Background



This preview shows how black text looks on a background with the Hex color 00FD76.

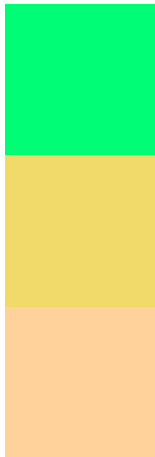


This preview shows how white text looks on a background with the Hex color 00FD76.

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](#).

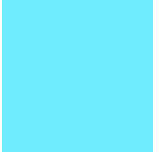
Dichromacy



Original Color
00FD76

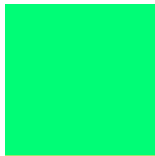
Protanopia
F1DA6A

Deuteranopia
FFD29B



Tritanopia
6FEDFF

Trichromacy



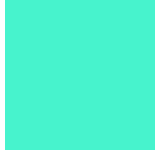
Original Color
00FD76



Protanomaly
99E76E



Deuteranomaly
A2E28E



Tritanomaly
47F3CD

Monochromacy



Original Color
00FD76



Achromatopsia
A2A2A2



Achromatomaly
67C392

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FD76 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 #00FD76 looks like.

```
.text, #text, p{  
    color:#00FD76  
}
```

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 #00FD76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FD76
}
```

Border

The CSS property to change the border of an element to Hex 00FD76 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
#00FD76 }
```

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

```
.border{ border-color:#00FD76 }
```

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

Here you see how a box with a 4 pixel #00FD76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FD76; -webkit-box-shadow:4px 4px  
4px 4px #00FD76; box-shadow:4px 4px 4px  
4px #00FD76 }
```

Background

The CSS property to change the background color of an element to Hex 00FD76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FD76 }
```

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

```
.background{ background-color:#00FD76 }
```

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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