

Converting Colors

Hex(02FF84)

Have a look what the booklet for
Hex(02FF84) contains.

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Color

Hex(02FF84)

Conversions

Conversions Part 1

Format	Color
Hex	02FF84
RGB	2, 255, 132
RGB Percent	1%, 100%, 52%
CMY	0.9922, 0.0000, 0.4824
CMYK	0.99, 0.00, 0.48, 0.00
HSL	151°, 100%, 50%
HSV	151°, 99%, 100%
XYZ	39.9499, 73.1988, 33.8530
YIQ	165.3310, -111.3050, -91.8890

Conversions

Conversions Part 2

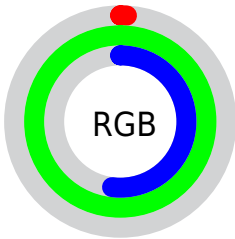
Format	Color
R _Y B	2, 169, 255
Decimal	196484
CIE Lab	88.54, -76.08, 44.76
CIE LCh	89, 88.264, 149.532
Yxy	73.1988, 0.2718, 0.4979
Android (android.graphics.Color)	4278386564 (0xFF02FF84)
YUV	165.3310, -16.4322, -143.2413
Hunter-Lab	85.5563, -66.3743, 36.4295

Details

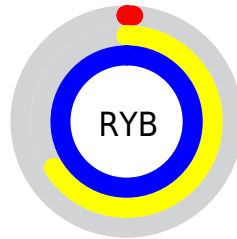
The Hex color **02FF84** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **FF027D**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **74FFBB**, and **00C550** is the 20% darker color. If you saturate the color by 10%, you get **00FF83**, and if you desaturate by 10%, it is **1BFF90**.

Distribution



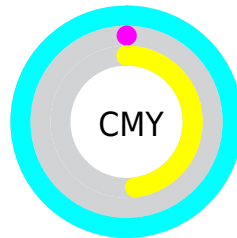
- Red (1%)
- Green (100%)
- Blue (52%)



- Red (1%)
- Yellow (66%)
- Blue (100%)



- Cyan (99%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)




- Cyan (99%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02FF84 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 02FF84 by changing the saturation by 10% instead.

 02FF84

 02FF84

FFFFFF

 00E16A

 74FFBB

 00C550

 97FFD7

 00A836

 B8FFF4

 008C1B

 D8FFFF

 007100

 F8FFFF

 005700

 003E00

 002400

 000000

 02FF84

 02FF84

 00FF83

 1BFF90

 35FF9D

 4FFFA9

 68FFB6

 82FFC2

 9BFFCE

 B4FFDB

 CEFFE7

 E8FFF4

Harmonies

Analogous

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



B5F137



02FF84



00FFDA

Triad

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



02FF84



00E9FF



FF9690

Complementary

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



02FF84



FF027D

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.



FF8AE3



02FF84



D9C8FF

Square

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



02FF84



00FCFF



FFA2FF



FFB948

Rectangle

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



02FF84



00FFFF



FFA2FF



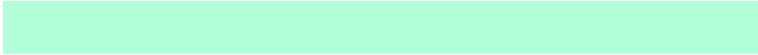
FF8EAB

Sweetspot

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



02FF84



B3FFDA



81FF02



528069



000000



808080

Same Dimension

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



02FF84



00FF83



02FFFF



738079



00BF62



004021

Inverse Universe

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



FF027D



FF007C



FF0202



807379



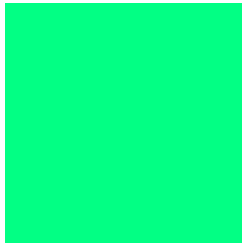
BF005D



40001F

Previews

White Background



This preview shows how the Hex color 02FF84 looks on a white background.

Color Contrast Check

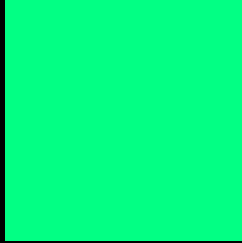
Large Text (above 18pt) WCAG AA × Fail

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 02FF84 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 02FF84 Background



This preview shows how black text looks on a background with the Hex color 02FF84.

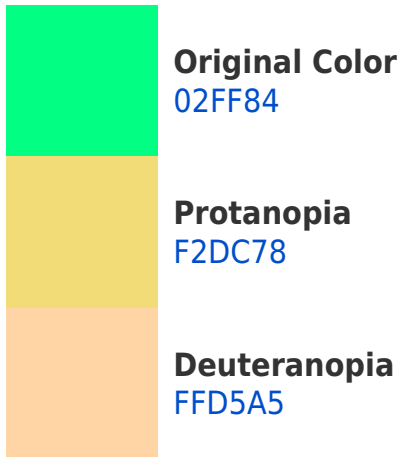


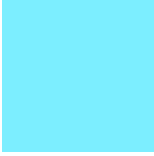
This preview shows how white text looks on a background with the Hex color 02FF84.

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
7CEEFF

Trichromacy



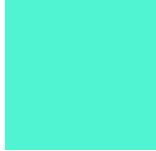
Original Color
02FF84



Protanomaly
9BE97C

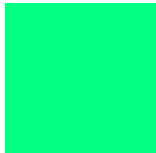


Deuteranomaly
A3E499

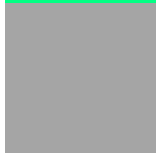


Tritanomaly
50F4D2

Monochromacy



Original Color
02FF84



Achromatopsia
A5A5A5



Achromatomaly
6AC699

CSS Examples

Text

The CSS property to change the color of the text to Hex 02FF84 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 #02FF84 looks like.

```
.text, #text, p{  
    color:#02FF84  
}
```

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 #02FF84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02FF84
}
```

Border

The CSS property to change the border of an element to Hex 02FF84 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
#02FF84 }
```

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

```
.border{ border-color:#02FF84 }
```

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

Here you see how a box with a 4 pixel #02FF84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02FF84; -webkit-box-shadow:4px 4px  
4px 4px #02FF84; box-shadow:4px 4px 4px  
4px #02FF84 }
```

Background

The CSS property to change the background color of an element to Hex 02FF84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02FF84 }
```

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

```
.background{ background-color:#02FF84 }
```

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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