

Converting Colors

Hex(02FF71)

Have a look what the booklet for
Hex(02FF71) contains.

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Color

Hex(02FF71)

Conversions

Conversions Part 1

Format	Color
Hex	02FF71
RGB	2, 255, 113
RGB Percent	1%, 100%, 44%
CMY	0.9922, 0.0000, 0.5569
CMYK	0.99, 0.00, 0.56, 0.00
HSL	146°, 100%, 50%
HSV	146°, 99%, 100%
XYZ	38.7657, 72.7252, 27.6170
YIQ	163.1650, -105.2060, -97.7980

Conversions

Conversions Part 2

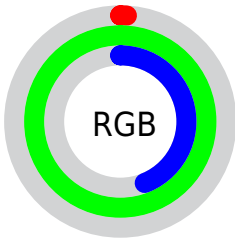
Format	Color
RYB	2, 178, 255
Decimal	196465
CIELab	88.32, -78.84, 53.26
CIELCh	88, 95.141, 145.961
Yxy	72.7252, 0.2787, 0.5228
Android (android.graphics.Color)	4278386545 (0xFF02FF71)
YUV	163.1650, -24.7313, -141.3417
Hunter-Lab	85.2790, -68.0968, 40.4947

Details

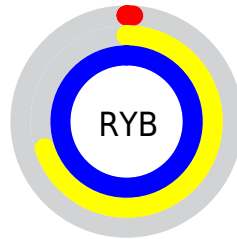
The Hex color **02FF71** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **FF0290**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **74FFA8**, and **00C43B** is the 20% darker color. If you saturate the color by 10%, you get **00FF70**, and if you desaturate by 10%, it is **1BFF7F**.

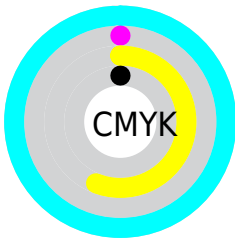
Distribution



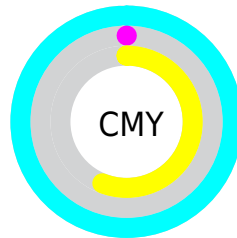
- Red (1%)
- Green (100%)
- Blue (44%)



- Red (1%)
- Yellow (70%)
- Blue (100%)



- Cyan (99%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)



- Cyan (99%)
- Magenta (0%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02FF71 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 02FF71 by changing the saturation by 10% instead.

 02FF71

 02FF71

FFFFFF

 00E156

 74FFA8

 00C43B

 97FFC4

 00A81E

 B8FFE1

 008C00

 D9FFFE

 007100

 F9FFFF


 005700

 003E00

 002400

 000000

 02FF71

 02FF71

 00FF70

 1BFF7F

 35FF8E

 4FFF9C

 68FFAA

 82FFB9

 9BFFC7

 B4FFD5

 CEFFE3

 E8FFF2

Harmonies

Analogous

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



BBF004



02FF71



00FFCE

Triad

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



02FF71



00ECFF



FF8994

Complementary

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



02FF71



FF0290

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.



FF7FEE



02FF71



C1CBFF

Square

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



02FF71



00FFFF



FF9FFF



FFB042

Rectangle

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



02FF71



00FFFF



FF9FFF



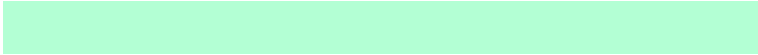
FF80B1

Sweetspot

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



02FF71



B3FFD4



91FF02



528066



000000



808080

Same Dimension

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



02FF71



00FF70



02FFEE



738078



00BF54



00401C

Inverse Universe

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



FF0290



FF008F



FF0213



80737A



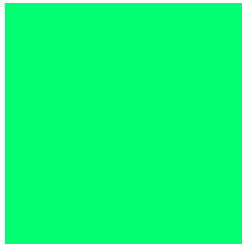
BF006B



400024

Previews

White Background



This preview shows how the Hex color 02FF71 looks on a white background.

Color Contrast Check

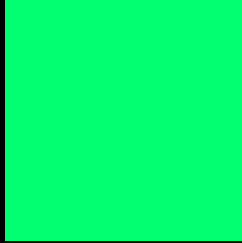
Large Text (above 18pt) WCAG AA × Fail

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 02FF71 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 02FF71 Background



This preview shows how black text looks on a background with the Hex color 02FF71.

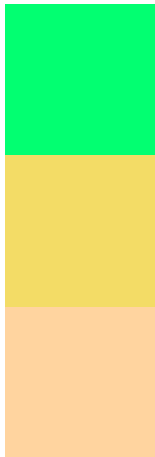


This preview shows how white text looks on a background with the Hex color 02FF71.

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](#).

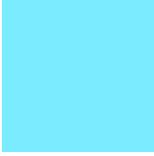
Dichromacy



Original Color
02FF71

Protanopia
F3DC66

Deuteranopia
FFD49F



Tritanopia
79EDFF

Trichromacy



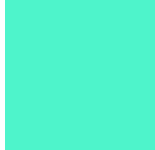
Original Color
02FF71



Protanomaly
9BE96A



Deuteranomaly
A3E48E

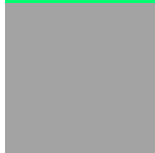


Tritanomaly
4EF4CB

Monochromacy



Original Color
02FF71



Achromatopsia
A3A3A3



Achromatomaly
68C491

CSS Examples

Text

The CSS property to change the color of the text to Hex 02FF71 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 #02FF71 looks like.

```
.text, #text, p{  
    color:#02FF71  
}
```

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 #02FF71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02FF71
}
```

Border

The CSS property to change the border of an element to Hex 02FF71 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
#02FF71 }
```

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

```
.border{ border-color:#02FF71 }
```

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

Here you see how a box with a 4 pixel #02FF71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02FF71; -webkit-box-shadow:4px 4px  
4px 4px #02FF71; box-shadow:4px 4px 4px  
4px #02FF71 }
```

Background

The CSS property to change the background color of an element to Hex 02FF71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02FF71 }
```

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

```
.background{ background-color:#02FF71 }
```

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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