

Converting Colors

Hex(02FD16)

Have a look what the booklet for
Hex(02FD16) contains.

Hex(02FD16)	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(02FD16)

Conversions

Conversions Part 1

Format	Color
Hex	02FD16
RGB	2, 253, 22
RGB Percent	1%, 99%, 9%
CMY	0.9922, 0.0078, 0.9137
CMYK	0.99, 0.00, 0.91, 0.01
HSL	125°, 98%, 50%
HSV	125°, 99%, 99%
XYZ	35.2951, 70.3214, 12.4722
YIQ	151.6170, -75.4450, -125.0530

Conversions

Conversions Part 2

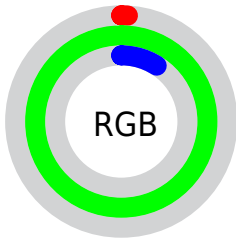
Format	Color
RYB	2, 234, 253
Decimal	195862
CIELab	87.15, -85.24, 80.72
CIELCh	87, 117.398, 136.561
Yxy	70.3214, 0.2989, 0.5955
Android (android.graphics.Color)	4278385942 (0xFF02FD16)
YUV	151.6170, -63.9012, -131.2141
Hunter-Lab	83.8579, -71.6219, 49.8823

Details

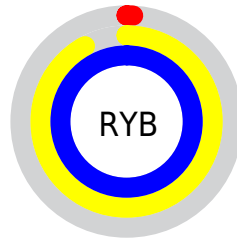
The Hex color **02FD16** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **FD02E9**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **77FF62**, and **00C200** is the 20% darker color. If you saturate the color by 10%, you get **00FD14**, and if you desaturate by 10%, it is **1BFD2D**.

Distribution



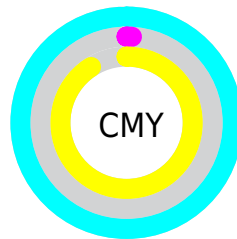
- Red (1%)
- Green (99%)
- Blue (9%)



- Red (1%)
- Yellow (92%)
- Blue (99%)



- Cyan (99%)
- Magenta (0%)
- Yellow (91%)
- Black (1%)



- Cyan (99%)
- Magenta (1%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02FD16 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 02FD16 by changing the saturation by 10% instead.

 02FD16

 02FD16

FFFFFF

 00DF00

 77FF62

 00C200

 9BFF80

 00A600

 BCFF9D

 008A00

 DDFFB8

 006F00

 FEFFD9

 005400

 FFFFF7

 003B00

 002100

 000000

 02FD16

 02FD16

 00FD14

 1BFD2D

 35FD45

 4EFD5C

 67FD73

 81FD8A

 9AFDA2

 B3FDB9

 CCFDD0

 E6FDE8

Harmonies

Analogous

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



CDE800



02FD16



00FA2

Triad

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



02FD16



00F6FF



FF46A2

Complementary

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



02FD16



FD02E9

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.



FF51FF



02FD16



00D3FF

Square

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



02FD16



00FFFF



FF99FF



FF8A32

Rectangle

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



02FD16



00FFF1



FF99FF



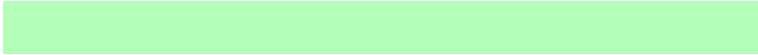
FF3AC7

Sweetspot

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



02FD16



B3FFB9



ECFD02



528055



000000



808080

Same Dimension

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



02FD16



00FF14



02FD90



738074



00BF0F



004005

Inverse Universe

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



FD02E9



FF00EB



FD026F



80737E



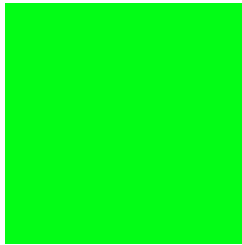
BF00B0



40003B

Previews

White Background



This preview shows how the Hex color 02FD16 looks on a white background.

Color Contrast Check

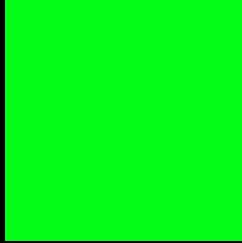
Large Text (above 18pt) WCAG AA × Fail

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 02FD16 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

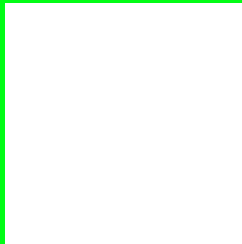
Any Text WCAG AAA ✓ Pass

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

Hex 02FD16 Background



This preview shows how black text looks on a background with the Hex color 02FD16.



This preview shows how white text looks on a background with the Hex color 02FD16.

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](#).

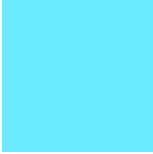
Dichromacy



Original Color
02FD16

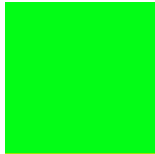
Protanopia
F4D900

Deuteranopia
FFD188



Tritanopia
6AEBFE

Trichromacy



Original Color
02FD16



Protanomaly
9CE608

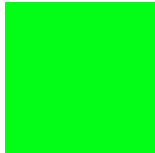


Deuteranomaly
A3E15F



Tritanomaly
44F2AA

Monochromacy



Original Color
02FD16



Achromatopsia
989898



Achromatomaly
61BD69

CSS Examples

Text

The CSS property to change the color of the text to Hex 02FD16 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 #02FD16 looks like.

```
.text, #text, p{  
    color:#02FD16  
}
```

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 #02FD16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02FD16
}
```

Border

The CSS property to change the border of an element to Hex 02FD16 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
#02FD16 }
```

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

```
.border{ border-color:#02FD16 }
```

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

Here you see how a box with a 4 pixel #02FD16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02FD16; -webkit-box-shadow:4px 4px  
4px 4px #02FD16; box-shadow:4px 4px 4px  
4px #02FD16 }
```

Background

The CSS property to change the background color of an element to Hex 02FD16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02FD16 }
```

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

```
.background{ background-color:#02FD16 }
```

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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