

Converting Colors

Hex(00FC2B)

Have a look what the booklet for
Hex(00FC2B) contains.

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Color

Hex(00FC2B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00FC2B |
| RGB | 0, 252, 43 |
| RGB Percent | 0%, 99%, 17% |
| CMY | 1.0000, 0.0118, 0.8314 |
| CMYK | 1.00, 0.00, 0.83, 0.01 |
| HSL | 130°, 100%, 49% |
| HSV | 130°, 100%, 99% |
| XYZ | 35.2464, 69.7952, 13.8997 |
| YIQ | 152.8260, -83.1030, -118.4230 |

Conversions

Conversions Part 2

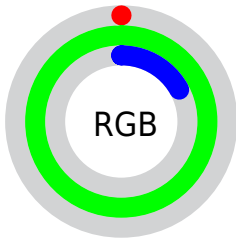
| Format | Color |
|-------------------------------------|---|
| RYB | 0, 215, 252 |
| Decimal | 64555 |
| CIELab | 86.90, -84.30, 76.70 |
| CIELCh | 87, 113.972, 137.700 |
| Yxy | 69.7952, 0.2963, 0.5868 |
| Android (android.graphics.Color) | 4278254635 (0xFF00FC2B) |
| YUV | 152.8260, -54.1442, -134.0284 |
| Hunter-Lab | 83.5435, -70.8933, 48.6160 |

Details

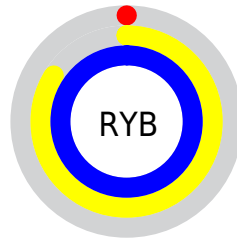
The Hex color **00FC2B** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **FC00D1**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **76FF6C**, and **00C100** is the 20% darker color. If you saturate the color by 10%, you get **00FC2B**, and if you desaturate by 10%, it is **19FC40**.

Distribution



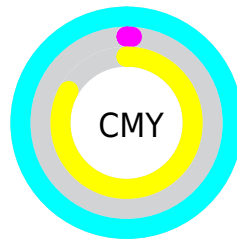
- Red (0%)
- Green (99%)
- Blue (17%)



- Red (0%)
- Yellow (84%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (83%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FC2B 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 00FC2B by changing the saturation by 10% instead.

 00FC2B

 00FC2B

FFFFFF

 00DE00

 76FF6C

 00C100

 9AFF89

 00A500

 BBFFA7

 008900

 DCFFC4

 006E00

 FCFE2

 005300

 003A00

 002000

 000000

 00FC2B

 19FC40

 32FC55

 4CFC6A

 65FC7F

 7EFC94

 97FCA8

 B0FCBD

 CAFCD2

 E3FCE7

Harmonies

Analogous

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



CAE800



00FC2B



00FFA8

Triad

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



00FC2B



00F4FF



FF539F

Complementary

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



00FC2B



FC00D1

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.



FF58FF



00FC2B



34D1FF

Square

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



00FC2B



00FFFF



FF99FF



FF8F33

Rectangle

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



00FC2B



00FFF4



FF99FF



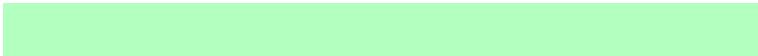
FF47C3

Sweetspot

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



00FC2B



B3FFC0



D2FC00



528059



000000



808080

Same Dimension

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



00FC2B



00FF2C



00FCA8



707D73



00BD20



003D0A

Inverse Universe

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



FC00D1



FF00D3



FC0054



7D707B



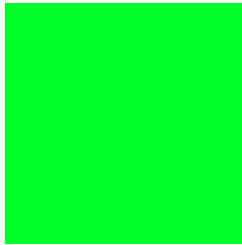
BD009D



3D0033

Previews

White Background



This preview shows how the Hex color 00FC2B 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 00FC2B 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

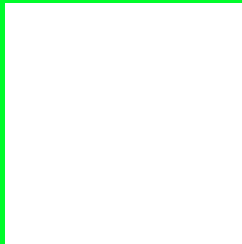
Any Text WCAG AAA ✓ Pass

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

Hex 00FC2B Background



This preview shows how black text looks on a background with the Hex color 00FC2B.

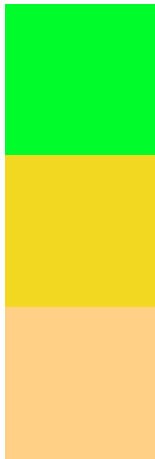


This preview shows how white text looks on a background with the Hex color 00FC2B.

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](#).

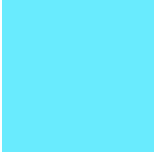
Dichromacy



Original Color
00FC2B

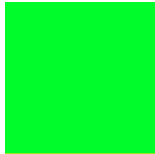
Protanopia
F3D821

Deuteranopia
FFD086



Tritanopia
69EBFE

Trichromacy



Original Color
00FC2B



Protanomaly
9BE525

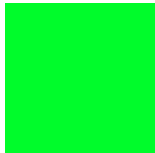


Deuteranomaly
A2E065



Tritanomaly
43F1B1

Monochromacy



Original Color
00FC2B



Achromatopsia
999999



Achromatomaly
61BD71

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FC2B 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 #00FC2B looks like.

```
.text, #text, p{  
    color:#00FC2B  
}
```

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 #00FC2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FC2B
}
```

Border

The CSS property to change the border of an element to Hex 00FC2B 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
#00FC2B }
```

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

```
.border{ border-color:#00FC2B }
```

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

Here you see how a box with a 4 pixel #00FC2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FC2B; -webkit-box-shadow:4px 4px  
4px 4px #00FC2B; box-shadow:4px 4px 4px  
4px #00FC2B }
```

Background

The CSS property to change the background color of an element to Hex 00FC2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FC2B }
```

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

```
.background{ background-color:#00FC2B }
```

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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