

Converting Colors

Hex(00FC42)

Have a look what the booklet for
Hex(00FC42) contains.

Hex(00FC42)	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(00FC42)

Conversions

Conversions Part 1

Format	Color
Hex	00FC42
RGB	0, 252, 66
RGB Percent	0%, 99%, 26%
CMY	1.0000, 0.0118, 0.7412
CMYK	1.00, 0.00, 0.74, 0.01
HSL	136°, 100%, 49%
HSV	136°, 100%, 99%
XYZ	35.7938, 70.0142, 16.7818
YIQ	155.4480, -90.4860, -111.2700

Conversions

Conversions Part 2

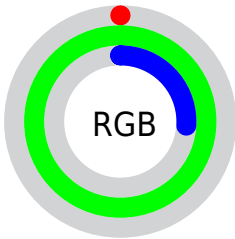
Format	Color
RYB	0, 200, 252
Decimal	64578
CIELab	87.00, -82.91, 70.36
CIELCh	87, 108.742, 139.681
Yxy	70.0142, 0.2920, 0.5711
Android (android.graphics.Color)	4278254658 (0xFF00FC42)
YUV	155.4480, -44.0979, -136.3279
Hunter-Lab	83.6745, -70.0726, 46.6809

Details

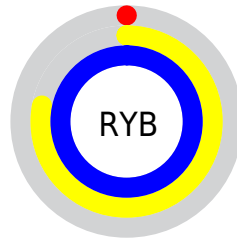
The Hex color **00FC42** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **FC00BA**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **75FF7D**, and **00C200** is the 20% darker color. If you saturate the color by 10%, you get **00FC42**, and if you desaturate by 10%, it is **19FC55**.

Distribution



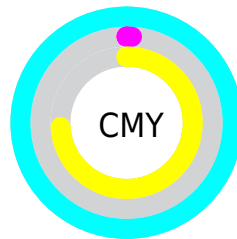
- Red (0%)
- Green (99%)
- Blue (26%)



- Red (0%)
- Yellow (78%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (74%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FC42 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 00FC42 by changing the saturation by 10% instead.

 00FC42

 00FC42

FFFFFF

 00DE1E


 75FF7D

 00C200

 98FF99

 00A500

 BAFFB6

 008900

 DAFFD3

 006E00

 FBFFF1

 005400

 003B00

 002000

 000000

 00FC42

 19FC55

 32FC67

 4CFC7A

 65FC8C

 7EFC9F

 97FCB2

 B0FCC4

 CAFCD7

 E3FCE9

Harmonies

Analogous

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



C5E900



00FC42



00FFB1

Triad

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



00FC42



00F1FF



FF649B

Complementary

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



00FC42



FC00BA

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.



FF63FF



00FC42



72CEFF

Square

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



00FC42



00FFFF



FF9AFF



FF9836

Rectangle

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



00FC42



00FFFA



FF9AFF



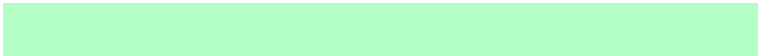
FF5ABD

Sweetspot

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



00FC42



B3FFC7



BDFC00



52805E



000000



808080

Same Dimension

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



00FC42



00FF43



00FCBD



707D74



00BD31



003D10

Inverse Universe

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



FC00BA



FF00BC



FC003F



7D707A



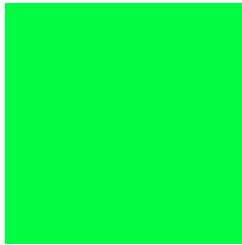
BD008B



3D002D

Previews

White Background



This preview shows how the Hex color 00FC42 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 00FC42 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 00FC42 Background



This preview shows how black text looks on a background with the Hex color 00FC42.

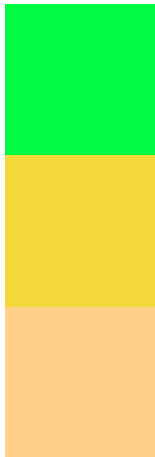


This preview shows how white text looks on a background with the Hex color 00FC42.

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](#).

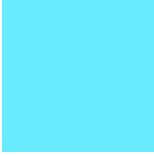
Dichromacy



Original Color
00FC42

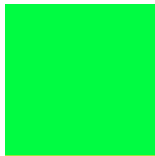
Protanopia
F2D839

Deuteranopia
FFD08A



Tritanopia
68EBFE

Trichromacy



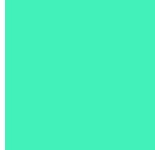
Original Color
00FC42



Protanomaly
9AE53C

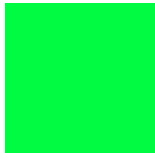


Deuteranomaly
A2E070



Tritanomaly
42F1BA

Monochromacy



Original Color
00FC42



Achromatopsia
9B9B9B



Achromatomaly
63BE7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FC42 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 #00FC42 looks like.

```
.text, #text, p{  
    color:#00FC42  
}
```

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 #00FC42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FC42
}
```

Border

The CSS property to change the border of an element to Hex 00FC42 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
#00FC42 }
```

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

```
.border{ border-color:#00FC42 }
```

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

Here you see how a box with a 4 pixel #00FC42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FC42; -webkit-box-shadow:4px 4px  
4px 4px #00FC42; box-shadow:4px 4px 4px  
4px #00FC42 }
```

Background

The CSS property to change the background color of an element to Hex 00FC42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FC42 }
```

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

```
.background{ background-color:#00FC42 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor