

Converting Colors

Hex(00FC65)

Have a look what the booklet for
Hex(00FC65) contains.

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Color

Hex(00FC65)

Conversions

Conversions Part 1

Format	Color
Hex	00FC65
RGB	0, 252, 101
RGB Percent	0%, 99%, 40%
CMY	1.0000, 0.0118, 0.6039
CMYK	1.00, 0.00, 0.60, 0.01
HSL	144°, 100%, 49%
HSV	144°, 100%, 99%
XYZ	37.1594, 70.5604, 23.9729
YIQ	159.4380, -101.7210, -100.3850

Conversions

Conversions Part 2

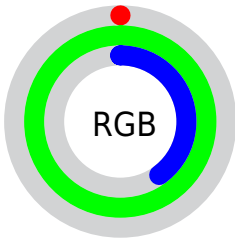
Format	Color
RYB	0, 180, 252
Decimal	64613
CIELab	87.27, -79.53, 57.29
CIELCh	87, 98.012, 144.234
Yxy	70.5604, 0.2822, 0.5358
Android (android.graphics.Color)	4278254693 (0xFF00FC65)
YUV	159.4380, -28.8099, -139.8271
Hunter-Lab	84.0002, -68.0370, 41.8793

Details

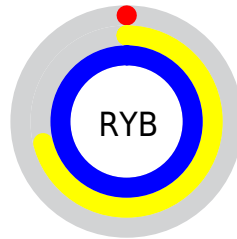
The Hex color **00FC65** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **FC0097**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **74FF9C**, and **00C22D** is the 20% darker color. If you saturate the color by 10%, you get **00FC65**, and if you desaturate by 10%, it is **19FC74**.

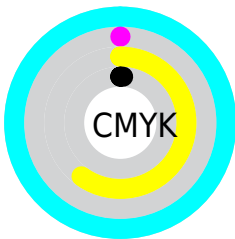
Distribution



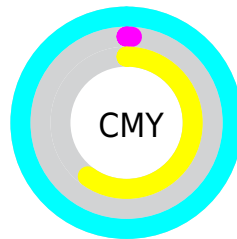
- Red (0%)
- Green (99%)
- Blue (40%)



- Red (0%)
- Yellow (71%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FC65 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 00FC65 by changing the saturation by 10% instead.

 00FC65

 00FC65

FFFFFF

 00DF4A

 74FF9C

 00C22D

 97FFB8

 00A505

 B8FFD5

 008900

 D8FFF2

 006E00

 F8FFFF

 005400

 003B00

 002100

 000000

 00FC65

 19FC74

 32FC83

 4CFC92

 65FCA1

 7EFCB1

 97FCC0

 B0FCCF

 CAFUDE

 E3FCED

Harmonies

Analogous

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



BCEC00



00FC65



00FFC5

Triad

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



00FC65



00EBFF



FF7F94

Complementary

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



00FC65



FC0097

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.



FF77F1



00FC65



B0CAFF

Square

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



00FC65



00FEFF



FF9CFF



FFA93D

Rectangle

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



00FC65



00FFFF



FF9CFF



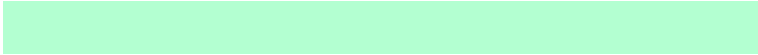
FF77B2

Sweetspot

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



00FC65



B3FFD1



97FC00



528064



000000



808080

Same Dimension

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



00FC65



00FF66



00FCE3



707D75



00BD4C



003D19

Inverse Universe

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



FC0097



FF0099



FC0019



7D7078



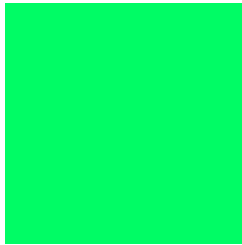
BD0071



3D0025

Previews

White Background



This preview shows how the Hex color 00FC65 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 00FC65 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 00FC65 Background



This preview shows how black text looks on a background with the Hex color 00FC65.

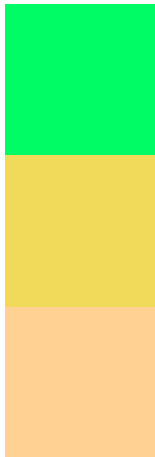


This preview shows how white text looks on a background with the Hex color 00FC65.

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](#).

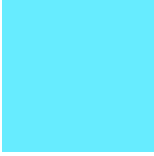
Dichromacy



Original Color
00FC65

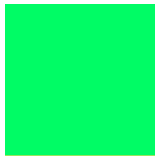
Protanopia
F1D95A

Deuteranopia
FFD192



Tritanopia
67ECFF

Trichromacy



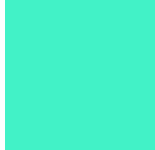
Original Color
00FC65



Protanomaly
99E65E



Deuteranomaly
A2E182



Tritanomaly
42F2C7

Monochromacy



Original Color
00FC65



Achromatopsia
9F9F9F



Achromatomaly
65C18A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FC65 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 #00FC65 looks like.

```
.text, #text, p{  
    color:#00FC65  
}
```

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 #00FC65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FC65
}
```

Border

The CSS property to change the border of an element to Hex 00FC65 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
#00FC65 }
```

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

```
.border{ border-color:#00FC65 }
```

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

Here you see how a box with a 4 pixel #00FC65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FC65; -webkit-box-shadow:4px 4px  
4px 4px #00FC65; box-shadow:4px 4px 4px  
4px #00FC65 }
```

Background

The CSS property to change the background color of an element to Hex 00FC65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FC65 }
```

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

```
.background{ background-color:#00FC65 }
```

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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