

Converting Colors

Hex(3DFF03)

Have a look what the booklet for
Hex(3DFF03) contains.

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Color

Hex(3DFF03)

Conversions

Conversions Part 1

Format	Color
Hex	3DFF03
RGB	61, 255, 3
RGB Percent	24%, 100%, 1%
CMY	0.7608, 0.0000, 0.9882
CMYK	0.76, 0.00, 0.99, 0.00
HSL	106°, 100%, 51%
HSV	106°, 99%, 100%
XYZ	37.7009, 72.5187, 12.0966
YIQ	168.2660, -34.7320, -119.5000

Conversions

Conversions Part 2

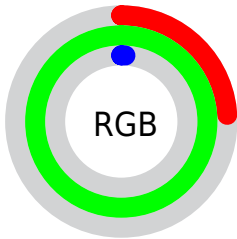
Format	Color
RYB	3, 255, 197
Decimal	4062979
CIELab	88.22, -81.84, 83.54
CIELCh	88, 116.948, 134.411
Yxy	72.5187, 0.3082, 0.5929
Android (android.graphics.Color)	4282253059 (0xFF3DFF03)
YUV	168.2660, -81.4761, -94.0723
Hunter-Lab	85.1579, -70.0012, 51.1884

Details

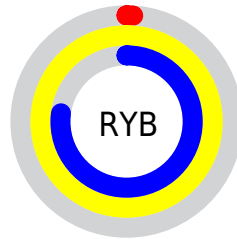
The Hex color **3DFF03** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **C503FF**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **8CFF5D**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **3BFF00**, and if you desaturate by 10%, it is **51FF1C**.

Distribution



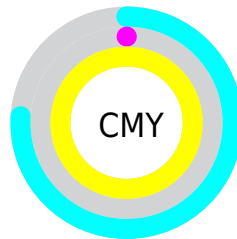
- Red (24%)
- Green (100%)
- Blue (1%)



- Red (1%)
- Yellow (100%)
- Blue (77%)



- Cyan (76%)
- Magenta (0%)
- Yellow (99%)
- Black (0%)



- Cyan (76%)
- Magenta (0%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DFF03 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 3DFF03 by changing the saturation by 10% instead.

 3DFF03

 3DFF03

FFFFFF

 00E100

 8CFF5D

 00C500

 ADF7C

 00A800

 CEFF9A

 008C00

 EEFFB8

 007100

 FFFFD6

 005700

 FFFFF4

 003E00

 002300

 000000

 3DFF03

 3DFF03

 3BFF00

 51FF1C

 64FF36

 78FF50

 8CFF69

 9FFF83

 B3FF9C

 C6FFB5

 DAFFCF

 EEFFE9

Harmonies

Analogous

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



D9E900



3DFF03



00FF9D

Triad

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



3DFF03



00FBFF



FF4AAD

Complementary

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



3DFF03



C503FF

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.



FF5CFF



3DFF03



00D9FF

Square

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



3DFF03



00FFFF



FFA2FF



FF8940

Rectangle

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



3DFF03



00FFEB



FFA2FF



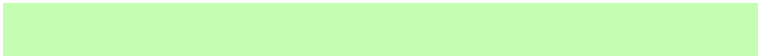
FF42D2

Sweetspot

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



3DFF03



C4FFB3



FFC403



5C8052



000000



808080

Same Dimension

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



3DFF03



3BFF00



03FF46



768073



2CBF00



0F4000

Inverse Universe

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



C503FF



C400FF



FF03BC



7D7380



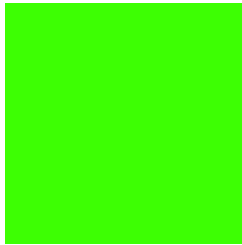
9300BF



310040

Previews

White Background



This preview shows how the Hex color 3DFF03 looks on a white background.

Color Contrast Check

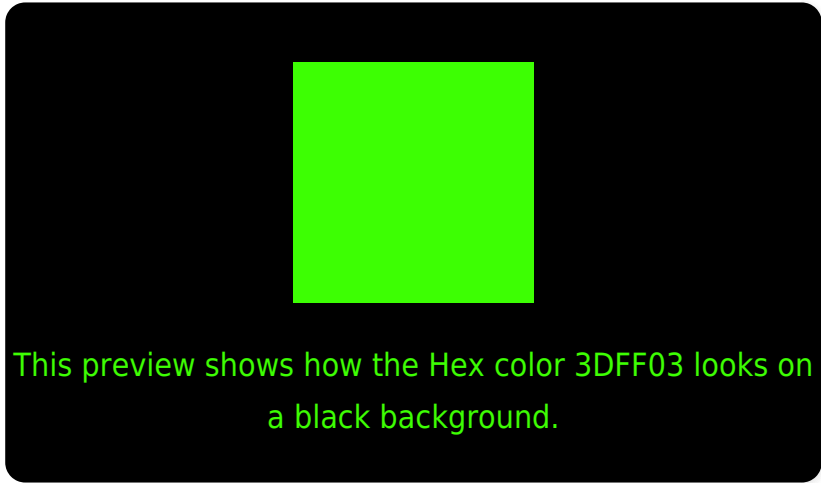
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 3DFF03 Background



This preview shows how black text looks on a background with the Hex color 3DFF03.



This preview shows how white text looks on a background with the Hex color 3DFF03.

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](#).

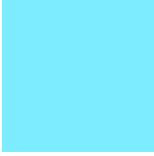
Dichromacy



Original Color
E67E22

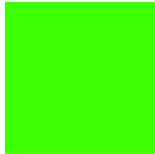
Protanopia
F7DC00

Deuteranopia
FFD494



Tritanopia
7DECFF

Trichromacy



Original Color
3DFF03



Protanomaly
B3E901

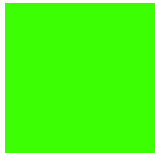


Deuteranomaly
B8E45F

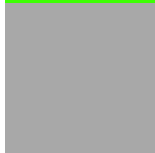


Tritanomaly
66F3A3

Monochromacy



Original Color
3DFF03



Achromatopsia
A8A8A8



Achromatomaly
81C86C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DFF03 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 #3DFF03 looks like.

```
.text, #text, p{  
    color:#3DFF03  
}
```

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 #3DFF03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DFF03  
}
```

Border

The CSS property to change the border of an element to Hex 3DFF03 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  
#3DFF03 }
```

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

```
.border{ border-color:#3DFF03 }
```

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

Here you see how a box with a 4 pixel #3DFF03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DFF03; -webkit-box-shadow:4px 4px  
4px 4px #3DFF03; box-shadow:4px 4px 4px  
4px #3DFF03 }
```

Background

The CSS property to change the background color of an element to Hex 3DFF03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DFF03 }
```

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

```
.background{ background-color:#3DFF03 }
```

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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