

Converting Colors

Hex(3CFF0D)

Have a look what the booklet for
Hex(3CFF0D) contains.

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Color

Hex(3CFF0D)

Conversions

Conversions Part 1

Format	Color
Hex	3CFF0D
RGB	60, 255, 13
RGB Percent	24%, 100%, 5%
CMY	0.7647, 0.0000, 0.9490
CMYK	0.76, 0.00, 0.95, 0.00
HSL	108°, 100%, 53%
HSV	108°, 95%, 100%
XYZ	37.6961, 72.5097, 12.3898
YIQ	169.1070, -38.5380, -116.6020

Conversions

Conversions Part 2

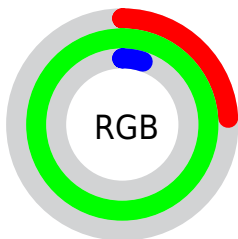
Format	Color
RYB	13, 255, 208
Decimal	3997453
CIELab	88.21, -81.84, 82.76
CIELCh	88, 116.391, 134.678
Yxy	72.5097, 0.3075, 0.5915
Android (android.graphics.Color)	4282187533 (0xFF3CFF0D)
YUV	169.1070, -76.9608, -95.6868
Hunter-Lab	85.1526, -69.9972, 50.9801

Details

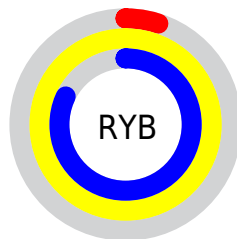
The Hex color **3CFF0D** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **D00DFF**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **8BFF5F**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **32FF00**, and if you desaturate by 10%, it is **51FF27**.

Distribution



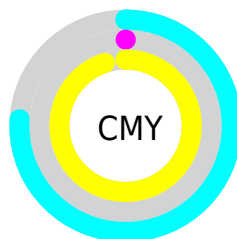
- Red (24%)
- Green (100%)
- Blue (5%)



- Red (5%)
- Yellow (100%)
- Blue (82%)



- Cyan (76%)
- Magenta (0%)
- Yellow (95%)
- Black (0%)



- Cyan (76%)
- Magenta (0%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CFF0D 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 3CFF0D by changing the saturation by 10% instead.

 3CFF0D

 3CFF0D

FFFFFF

 00E100

 8BFF5F

 00C500

 ACFF7E

 00A800

 CDFF9C

 008C00

 EEFFB9

 007100

 FFFFD7

 005700

 FFFFF6

 003E00

 002300

 000000

 3CFF0D

 3CFF0D

 32FF00

 51FF27

 65FF40

 7AFF5A

 8EFF73

 A3FF8D

 B7FFA6

 CCFFC0

 E0FFD9

 F5FFF3

Harmonies

Analogous

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



D8E900



3CFF0D



00FF9E

Triad

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



3CFF0D



00BFF



FF4CAC

Complementary

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



3CFF0D



D00DFF

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.



FF5DFF



3CFF0D



00D9FF

Square

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



3CFF0D



00FFFF



FFA2FF



FF8B40

Rectangle

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



3CFF0D



00FFEC



FFA2FF



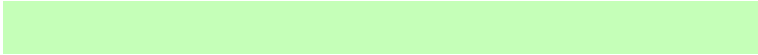
FF44D1

Sweetspot

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



3CFF0D



C5FFB8



FFCF0D



5D8054



000000



808080

Same Dimension

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



3CFF0D



32FF00



0DFF56



758073



25BF00



0C4000

Inverse Universe

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



D00DFF



CD00FF



FF0DB6



7D7380



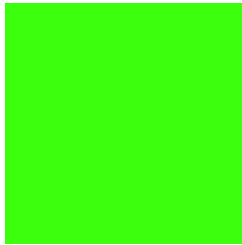
9A00BF



330040

Previews

White Background



This preview shows how the Hex color 3CFF0D looks on a white background.

Color Contrast Check

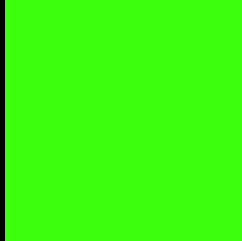
Large Text (above 18pt) WCAG AA × Fail

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 3CFF0D 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 3CFF0D Background



This preview shows how black text looks on a background with the Hex color 3CFF0D.

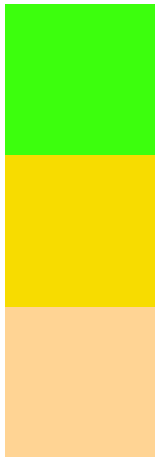


This preview shows how white text looks on a background with the Hex color 3CFF0D.

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](#).

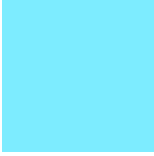
Dichromacy



Original Color
3CFF0D

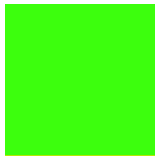
Protanopia
F7DC00

Deuteranopia
FFD494



Tritanopia
7DECFE

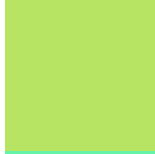
Trichromacy



Original Color
3CFF0D



Protanomaly
B3E905

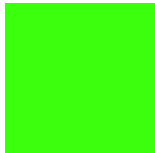


Deuteranomaly
B8E463

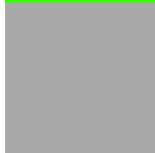


Tritanomaly
65F3A7

Monochromacy



Original Color
3CFF0D



Achromatopsia
A9A9A9



Achromatomaly
81C870

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CFF0D 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 #3CFF0D looks like.

```
.text, #text, p{  
    color:#3CFF0D  
}
```

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 #3CFF0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CFF0D
}
```

Border

The CSS property to change the border of an element to Hex 3CFF0D 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
#3CFF0D }
```

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

```
.border{ border-color:#3CFF0D }
```

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

Here you see how a box with a 4 pixel #3CFF0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CFF0D; -webkit-box-shadow:4px 4px  
4px 4px #3CFF0D; box-shadow:4px 4px 4px  
4px #3CFF0D }
```

Background

The CSS property to change the background color of an element to Hex 3CFF0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CFF0D }
```

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

```
.background{ background-color:#3CFF0D }
```

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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