

Converting Colors

Hex(3DFF0D)

Have a look what the booklet for
Hex(3DFF0D) contains.

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Color

Hex(3DFF0D)

Conversions

Conversions Part 1

Format	Color
Hex	3DFF0D
RGB	61, 255, 13
RGB Percent	24%, 100%, 5%
CMY	0.7608, 0.0000, 0.9490
CMYK	0.76, 0.00, 0.95, 0.00
HSL	108°, 100%, 53%
HSV	108°, 95%, 100%
XYZ	37.7571, 72.5412, 12.3926
YIQ	169.4060, -37.9420, -116.3900

Conversions

Conversions Part 2

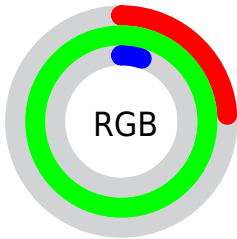
Format	Color
R _{YB}	13, 255, 207
Decimal	4062989
CIE Lab	88.23, -81.70, 82.78
CIE LCh	88, 116.311, 134.625
Yxy	72.5412, 0.3077, 0.5913
Android (android.graphics.Color)	4282253069 (0xFF3DFF0D)
YUV	169.4060, -77.1082, -95.0721
Hunter-Lab	85.1711, -69.9188, 50.9929

Details

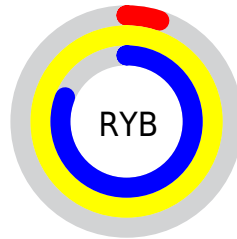
The Hex color **3DFF0D** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **CF0DFF**, and the grayscale version is **AAAAAA**.

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 **33FF00**, and if you desaturate by 10%, it is **51FF27**.

Distribution



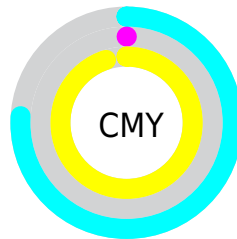
- Red (24%)
- Green (100%)
- Blue (5%)



- Red (5%)
- Yellow (100%)
- Blue (81%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 3DFF0D 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 3DFF0D by changing the saturation by 10% instead.

 3DFF0D

 3DFF0D

FFFFFF

 00E100

 8BFF5F

 00C500

 ADF7E

 00A800

 CEFF9C

 008C00

 EEFFB9

 007100

 FFFFD7

 005700

 FFFFF6

 003E00

 002300

 000000

 3DFF0D

 3DFF0D

 33FF00

 51FF27

 66FF40

 7AFF5A

 8FFF73

 A3FF8D

 B8FFA6

 CCFFC0

 E1FFD9

 F5FFF3

Harmonies

Analogous

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



D8E900



3DFF0D



00FF9E

Triad

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



3DFF0D



00FBFF



FF4DAD

Complementary

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



3DFF0D



CF0DFF

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



3DFF0D



00D9FF

Square

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



3DFF0D



00FFFF



FFA2FF



FF8B40

Rectangle

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



3DFF0D



00FFEC



FFA2FF



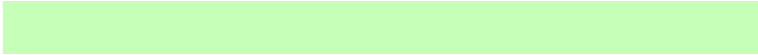
FF44D1

Sweetspot

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



3DFF0D



C6FFB8



FFCF0D



5D8054



000000



808080

Same Dimension

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



3DFF0D



33FF00



0DFF56



758073



26BF00



0D4000

Inverse Universe

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



CF0DFF



CC00FF



FF0DB6



7D7380



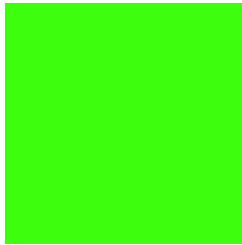
9900BF



330040

Previews

White Background



This preview shows how the Hex color 3DFF0D 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 3DFF0D 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 3DFF0D Background



This preview shows how black text looks on a background with the Hex color 3DFF0D.



This preview shows how white text looks on a background with the Hex color 3DFF0D.

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](#).

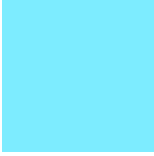
Dichromacy



Original Color
3DFF0D

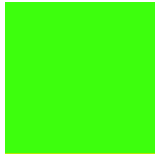
Protanopia
F7DC00

Deuteranopia
FFD494



Tritanopia
7DECFE

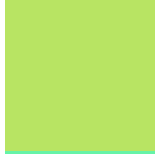
Trichromacy



Original Color
3DFF0D



Protanomaly
B3E905

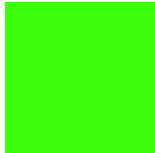


Deuteranomaly
B8E463



Tritanomaly
66F3A7

Monochromacy



Original Color
3DFF0D



Achromatopsia
A9A9A9



Achromatomaly
82C870

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DFF0D 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 #3DFF0D looks like.

```
.text, #text, p{  
    color:#3DFF0D  
}
```

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 #3DFF0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DFF0D
}
```

Border

The CSS property to change the border of an element to Hex 3DFF0D 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
#3DFF0D }
```

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

```
.border{ border-color:#3DFF0D }
```

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

Here you see how a box with a 4 pixel #3DFF0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DFF0D; -webkit-box-shadow:4px 4px  
4px 4px #3DFF0D; box-shadow:4px 4px 4px  
4px #3DFF0D }
```

Background

The CSS property to change the background color of an element to Hex 3DFF0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DFF0D }
```

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

```
.background{ background-color:#3DFF0D }
```

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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