

Converting Colors

Hex(0DDF0D)

Have a look what the booklet for
Hex(0DDF0D) contains.

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Color

Hex(0DDF0D)

Conversions

Conversions Part 1

Format	Color
Hex	0DDF0D
RGB	13, 223, 13
RGB Percent	5%, 87%, 5%
CMY	0.9490, 0.1255, 0.9490
CMYK	0.94, 0.00, 0.94, 0.13
HSL	120°, 89%, 46%
HSV	120°, 94%, 87%
XYZ	26.6263, 52.8900, 9.1862
YIQ	136.2700, -57.7500, -109.8300

Conversions

Conversions Part 2

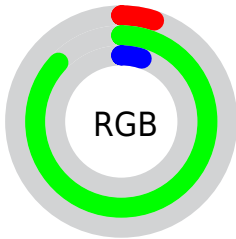
Format	Color
RYB	13, 223, 223
Decimal	909069
CIELab	77.81, -77.19, 74.02
CIELCh	78, 106.950, 136.201
Yxy	52.8900, 0.3002, 0.5963
Android (android.graphics.Color)	4279099149 (0xFF0DDF0D)
YUV	136.2700, -60.7721, -108.1078
Hunter-Lab	72.7255, -61.9171, 43.4187

Details

The Hex color **0DDF0D** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **DF0DDF**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **71FF59**, and **00A600** is the 20% darker color. If you saturate the color by 10%, you get **00DF00**, and if you desaturate by 10%, it is **23DF23**.

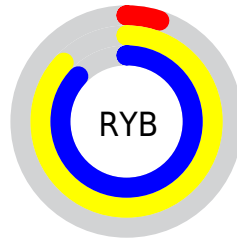
Distribution



Red (5%)

Green (87%)

Blue (5%)



Red (5%)

Yellow (87%)

Blue (87%)

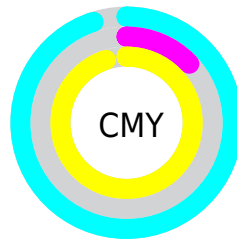


Cyan (94%)

Magenta (0%)

Yellow (94%)

Black (13%)



Cyan (95%)

Magenta (13%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DDF0D 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 0DDF0D by changing the saturation by 10% instead.

 0DDF0D

 0DDF0D

FFFFFF

 00C200

 71FF59

 00A600

 93FF76

 008A00

 B3FF93

 006F00

 D3FFB0

 005500

 F3FFCE

 003D00

 FFFFEB

 002200

 000000

 0DDF0D

 0DDF0D

 00DF00

 23DF23

 3ADF3A

 50DF50

 66DF66

 7DDF7D

 93DF93

 A9DFA9

 BFDFBF

 D6DFD6

Harmonies

Analogous

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



B6CC00



0DDF0D



00E88D

Triad

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



0DDF0D



00D9FF



FF3C90

Complementary

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



0DDF0D



DF0DDF

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.



FF47F3



0DDF0D



00BAFF

Square

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



0DDF0D



00E8FF



FF87FF



FF782C

Rectangle

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



0DDF0D



00EAD3



FF87FF



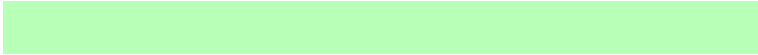
FF30B0

Sweetspot

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



0DDF0D



B8FFB8



DFDF0D



548054



000000



808080

Same Dimension

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



0DDF0D



00FF00



0DDF76



657065



00B000



003000

Inverse Universe

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



DF0DDF



FF00FF



DF0D76



706570



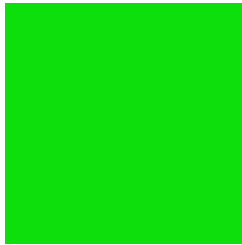
B000B0



300030

Previews

White Background



This preview shows how the Hex color 0DDF0D 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 0DDF0D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

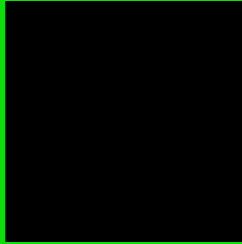
Any Text WCAG AA ✓ Pass

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 0DDF0D Background



This preview shows how black text looks on a background with the Hex color 0DDF0D.



This preview shows how white text looks on a background with the Hex color 0DDF0D.

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](#).

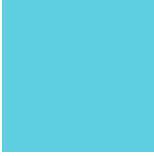
Dichromacy



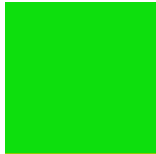
Original Color
0DDF0D

Protanopia
D7BF00

Deuteranopia
EFB532



Trichromacy



Original Color
0DDF0D



Protanomaly
8ECB05

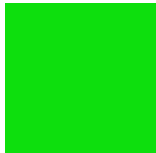


Deuteranomaly
9DC425



Tritanomaly
41D593

Monochromacy



Original Color
0DDF0D



Achromatopsia
888888



Achromatomaly
5BA85B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DDF0D 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 #0DDF0D looks like.

```
.text, #text, p{  
    color:#0DDF0D  
}
```

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 #0DDF0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DDF0D
}
```

Border

The CSS property to change the border of an element to Hex 0DDF0D 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
#0DDF0D }
```

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

```
.border{ border-color:#0DDF0D }
```

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

Here you see how a box with a 4 pixel #0DDF0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DDF0D; -webkit-box-shadow:4px 4px  
4px 4px #0DDF0D; box-shadow:4px 4px 4px  
4px #0DDF0D }
```

Background

The CSS property to change the background color of an element to Hex 0DDF0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DDF0D }
```

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

```
.background{ background-color:#0DDF0D }
```

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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