

Converting Colors

Hex(00FF12)

Have a look what the booklet for
Hex(00FF12) contains.

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Color

Hex(00FF12)

Conversions

Conversions Part 1

Format	Color
Hex	00FF12
RGB	0, 255, 18
RGB Percent	0%, 100%, 7%
CMY	1.0000, 0.0000, 0.9294
CMYK	1.00, 0.00, 0.93, 0.00
HSL	124°, 100%, 50%
HSV	124°, 100%, 100%
XYZ	35.8692, 71.5637, 12.4949
YIQ	151.7370, -75.9030, -127.7670

Conversions

Conversions Part 2

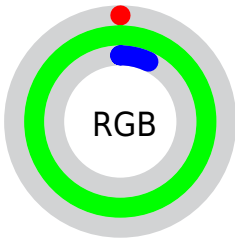
Format	Color
RYB	0, 238, 255
Decimal	65298
CIELab	87.76, -85.91, 81.70
CIELCh	88, 118.557, 136.437
Yxy	71.5637, 0.2991, 0.5967
Android (android.graphics.Color)	4278255378 (0xFF00FF12)
YUV	151.7370, -65.9323, -133.0733
Hunter-Lab	84.5953, -72.3562, 50.4594

Details

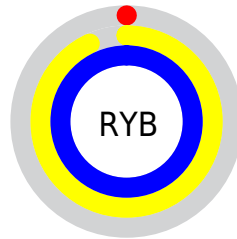
The Hex color **00FF12** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **FF00ED**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **78FF61**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **00FF12**, and if you desaturate by 10%, it is **19FF2A**.

Distribution



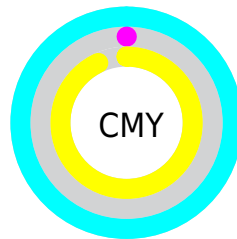
- Red (0%)
- Green (100%)
- Blue (7%)



- Red (0%)
- Yellow (93%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (93%)
- Black (0%)




- Cyan (100%)
- Magenta (0%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FF12 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 00FF12 by changing the saturation by 10% instead.

 00FF12

 00FF12

FFFFFF

 00E100

 78FF61

 00C400

 9BFF7F

 00A800

 BDFF9D

 008C00

 DEFFBA

 007100

 FFFFD8

 005600

 FFFFF6

 003D00

 002200

 000000

 00FF12


 19FF2A

 33FF41

 4DFF59

 66FF71

 80FF89

 99FFA0

 B3FFB8

 CCFFD0

 E6FFE7

Harmonies

Analogous

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



CFEA00



00FF12



00FFA3

Triad

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



00FF12



00F8FF



FF45A4

Complementary

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



00FF12



FF00ED

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.



FF50FF



00FF12



00D5FF

Square

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



00FF12



00FFFF



FF9BFF



FF8B32

Rectangle

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



00FF12



00FFF2



FF9BFF



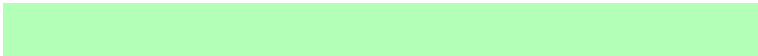
FF38C9

Sweetspot

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



00FF12



B3FFB8



EEFF00



528055



000000



808080

Same Dimension

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



00FF12



00FF90



738074



00BF0E



004005

Inverse Universe

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



FF00ED



FF006F



80737F



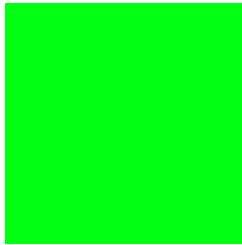
BF00B2



40003B

Previews

White Background



This preview shows how the Hex color 00FF12 looks on a white background.

Color Contrast Check

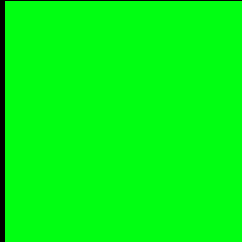
Large Text (above 18pt) WCAG AA × Fail

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 00FF12 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

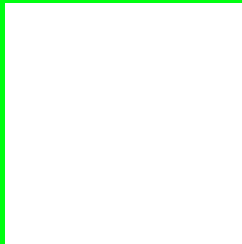
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00FF12 Background



This preview shows how black text looks on a background with the Hex color 00FF12.



This preview shows how white text looks on a background with the Hex color 00FF12.

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](#).

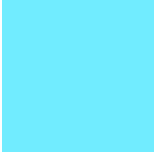
Dichromacy



Original Color
00FF12

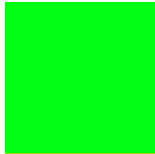
Protanopia
F6DA00

Deuteranopia
FFD38F



Tritanopia
71ECFF

Trichromacy



Original Color
00FF12



Protanomaly
9DE707

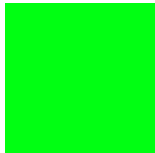


Deuteranomaly
A2E362



Tritanomaly
48F3A9

Monochromacy



Original Color
00FF12



Achromatopsia
989898



Achromatomaly
61BD67

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FF12 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 #00FF12 looks like.

```
.text, #text, p{  
    color:#00FF12  
}
```

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 #00FF12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FF12
}
```

Border

The CSS property to change the border of an element to Hex 00FF12 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
#00FF12 }
```

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

```
.border{ border-color:#00FF12 }
```

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

Here you see how a box with a 4 pixel #00FF12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FF12; -webkit-box-shadow:4px 4px  
4px 4px #00FF12; box-shadow:4px 4px 4px  
4px #00FF12 }
```

Background

The CSS property to change the background color of an element to Hex 00FF12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FF12 }
```

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

```
.background{ background-color:#00FF12 }
```

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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