

Converting Colors

Hex(12FF0F)

Have a look what the booklet for
Hex(12FF0F) contains.

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Color

Hex(12FF0F)

Conversions

Conversions Part 1

Format	Color
Hex	12FF0F
RGB	18, 255, 15
RGB Percent	7%, 100%, 6%
CMY	0.9294, 0.0000, 0.9412
CMYK	0.93, 0.00, 0.94, 0.00
HSL	119°, 100%, 53%
HSV	119°, 94%, 100%
XYZ	36.0957, 71.6831, 12.3857
YIQ	156.7770, -64.2120, -124.8840

Conversions

Conversions Part 2

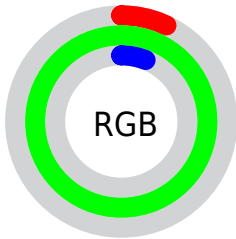
Format	Color
RYB	15, 255, 252
Decimal	1244943
CIELab	87.82, -85.40, 82.09
CIELCh	88, 118.453, 136.133
Yxy	71.6831, 0.3004, 0.5965
Android (android.graphics.Color)	4279435023 (0xFF12FF0F)
YUV	156.7770, -69.8961, -121.7074
Hunter-Lab	84.6659, -72.0652, 50.5926

Details

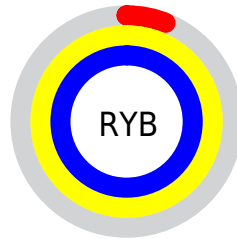
The Hex color **12FF0F** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **FC0FFF**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **7BFF60**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **03FF00**, and if you desaturate by 10%, it is **2BFF29**.

Distribution



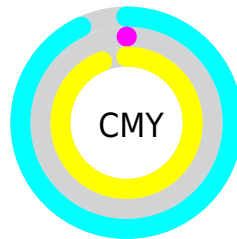
- Red (7%)
- Green (100%)
- Blue (6%)



- Red (6%)
- Yellow (100%)
- Blue (99%)



- Cyan (93%)
- Magenta (0%)
- Yellow (94%)
- Black (0%)



- Cyan (93%)
- Magenta (0%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12FF0F 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 12FF0F by changing the saturation by 10% instead.

 12FF0F

 12FF0F

FFFFFF

 00E100

 7BFF60

 00C400

 9EFF7E

 00A800

 BFFF9C

 008C00

 E0FFBA

 007100

 FFFFD8

 005600

 FFFFF6

 003D00

 002200

 000000

 12FF0F

 12FF0F

 03FF00

 2BFF29

 44FF42

 5EFF5C

 77FF75

 90FF8F

 A9FFA8

 C2FFC2

 DBFFDB

 F5FFF5

Harmonies

Analogous

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



D1EA00



12FF0F



00FFA2

Triad

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



12FF0F



00F9FF



FF45A5

Complementary

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



12FF0F



FC0FFF

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.



FF52FF



12FF0F



00D6FF

Square

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



12FF0F



00FFFF



FF9CFF



FF8A34

Rectangle

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



12FF0F



00FFF1



FF9CFF



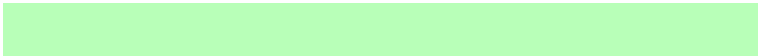
FF38CA

Sweetspot

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



12FF0F



B8FFB8



FFFB0F



558054



000000



808080

Same Dimension

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



12FF0F



03FF00



0FFF83



738073



02BF00



014000

Inverse Universe

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



FC0FFF



FC00FF



FF0F8B



7F7380



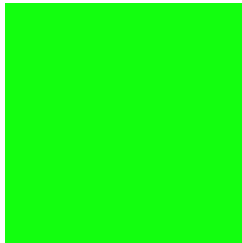
BD00BF



3F0040

Previews

White Background



This preview shows how the Hex color 12FF0F looks on a white background.

Color Contrast Check

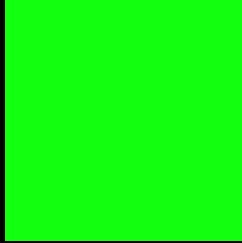
Large Text (above 18pt) WCAG AA × Fail

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 12FF0F 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

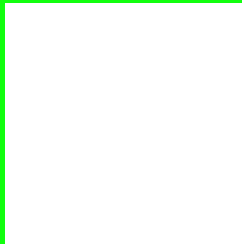
Any Text WCAG AAA ✓ Pass

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

Hex 12FF0F Background



This preview shows how black text looks on a background with the Hex color 12FF0F.

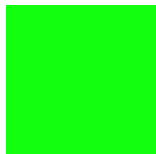


This preview shows how white text looks on a background with the Hex color 12FF0F.

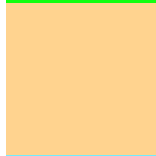
Color Blindness Simulation

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
12FF0F

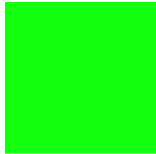


Deuteranopia
FFD38F

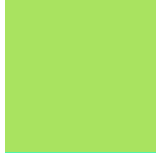


Tritanopia
72ECFF

Trichromacy



Original Color
12FF0F

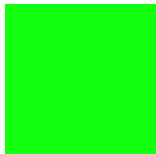


Deuteranomaly
A9E360

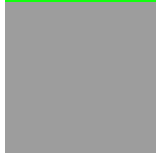


Tritanomaly
4FF3A8

Monochromacy



Original Color
12FF0F



Achromatopsia
9D9D9D



Achromatomaly
6AC169

CSS Examples

Text

The CSS property to change the color of the text to Hex 12FF0F 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 #12FF0F looks like.

```
.text, #text, p{  
    color:#12FF0F  
}
```

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 #12FF0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12FF0F
}
```

Border

The CSS property to change the border of an element to Hex 12FF0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

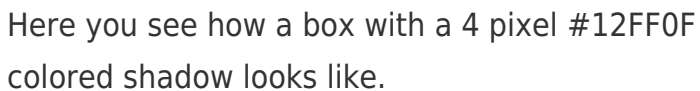
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#12FF0F }
```

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

```
.border{ border-color:#12FF0F }
```

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



Here you see how a box with a 4 pixel #12FF0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12FF0F; -webkit-box-shadow:4px 4px  
4px 4px #12FF0F; box-shadow:4px 4px 4px  
4px #12FF0F }
```

Background

The CSS property to change the background color of an element to Hex 12FF0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12FF0F }
```

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

```
.background{ background-color:#12FF0F }
```

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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