

Converting Colors

Hex(0AFF2F)

Have a look what the booklet for
Hex(0AFF2F) contains.

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Color

Hex(0AFF2F)

Conversions

Conversions Part 1

Format	Color
Hex	0AFF2F
RGB	10, 255, 47
RGB Percent	4%, 100%, 18%
CMY	0.9608, 0.0000, 0.8157
CMYK	0.96, 0.00, 0.82, 0.00
HSL	129°, 100%, 52%
HSV	129°, 96%, 100%
XYZ	36.3983, 71.7898, 14.6278
YIQ	158.0330, -79.2520, -116.6280

Conversions

Conversions Part 2

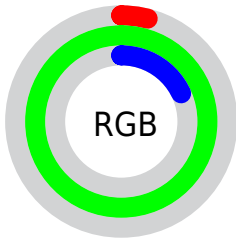
Format	Color
RYB	10, 223, 255
Decimal	720687
CIELab	87.87, -84.61, 76.65
CIELCh	88, 114.167, 137.827
Yxy	71.7898, 0.2964, 0.5845
Android (android.graphics.Color)	4278910767 (0xFF0AFF2F)
YUV	158.0330, -54.7393, -129.8249
Hunter-Lab	84.7288, -71.5945, 49.0742

Details

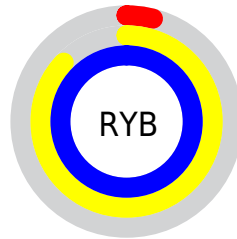
The Hex color **0AFF2F** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **FF0ADA**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **78FF6F**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **00FF27**, and if you desaturate by 10%, it is **23FF45**.

Distribution



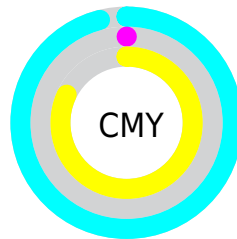
- Red (4%)
- Green (100%)
- Blue (18%)



- Red (4%)
- Yellow (87%)
- Blue (100%)



- Cyan (96%)
- Magenta (0%)
- Yellow (82%)
- Black (0%)



- Cyan (96%)
- Magenta (0%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AFF2F 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 0AFF2F by changing the saturation by 10% instead.

 0AFF2F

 0AFF2F

FFFFFF

 00E100

 78FF6F

 00C400

 9CFF8C

 00A800

 BDFFAA

 008C00

 DEFFC7

 007100

 FFFF E5

 005600

 003D00

 002200

 000000

 0AFF2F

 0AFF2F

 00FF27

 23FF45

 3DFF5A

 57FF70

 70FF86

 8AFF9B

 A3FFB1

 BDFFC7

 D6FFDC

 F0FFF2

Harmonies

Analogous

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



CCEB00



0AFF2F



00FFAB

Triad

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



0AFF2F



00F6FF



FF57A1

Complementary

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



0AFF2F



FF0ADA

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.



FF5BFF



0AFF2F



3FD3FF

Square

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



0AFF2F



00FFFF



FF9BFF



FF9235

Rectangle

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



0AFF2F



00FFF7



FF9BFF



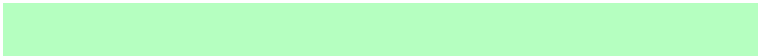
FF4CC5

Sweetspot

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



0AFF2F



B5FFC0



DAFF0A



53805A



000000



808080

Same Dimension

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



0AFF2F



00FF27



0AFFA9



738075



00BF1D



00400A

Inverse Universe

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



FF0ADA



FF00D8



FF0A60



80737E



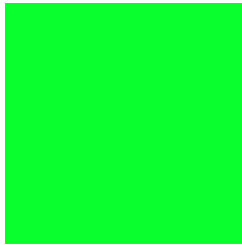
BF00A2



400036

Previews

White Background



This preview shows how the Hex color 0AFF2F looks on a white background.

Color Contrast Check

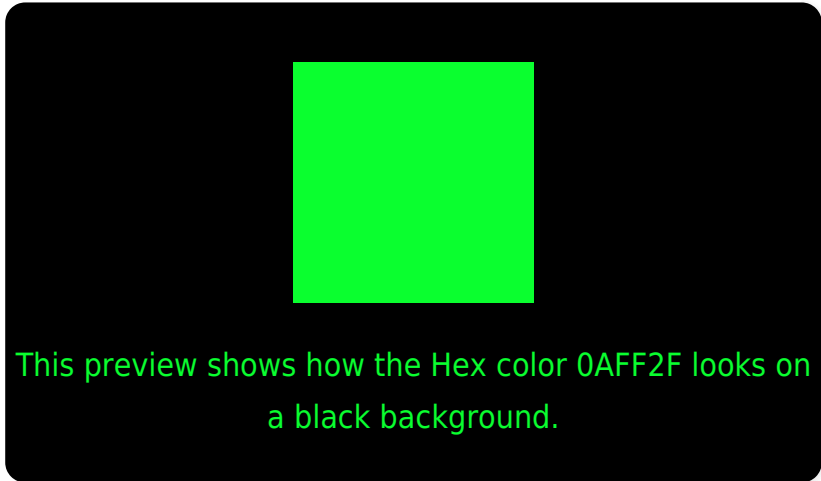
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 0AFF2F Background



This preview shows how black text looks on a background with the Hex color 0AFF2F.

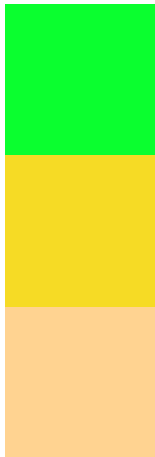


This preview shows how white text looks on a background with the Hex color 0AFF2F.

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](#).

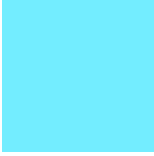
Dichromacy



Original Color
0AFF2F

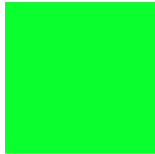
Protanopia
F6DB25

Deuteranopia
FFD391



Tritanopia
73EDFF

Trichromacy



Original Color
0AFF2F



Protanomaly
A0E829

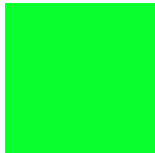


Deuteranomaly
A6E36D

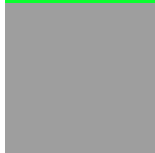


Tritanomaly
4DF4B3

Monochromacy



Original Color
0AFF2F



Achromatopsia
9E9E9E



Achromatomaly
68C176

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AFF2F 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 #0AFF2F looks like.

```
.text, #text, p{  
    color:#0AFF2F  
}
```

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 #0AFF2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AFF2F
}
```

Border

The CSS property to change the border of an element to Hex 0AFF2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

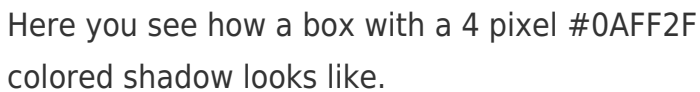
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0AFF2F }
```

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

```
.border{ border-color:#0AFF2F }
```

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



Here you see how a box with a 4 pixel #0AFF2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AFF2F; -webkit-box-shadow:4px 4px  
4px 4px #0AFF2F; box-shadow:4px 4px 4px  
4px #0AFF2F }
```

Background

The CSS property to change the background color of an element to Hex 0AFF2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AFF2F }
```

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

```
.background{ background-color:#0AFF2F }
```

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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