

Converting Colors

Hex(0BFF30)

Have a look what the booklet for
Hex(0BFF30) contains.

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Color

Hex(0BFF30)

Conversions

Conversions Part 1

Format	Color
Hex	0BFF30
RGB	11, 255, 48
RGB Percent	4%, 100%, 19%
CMY	0.9569, 0.0000, 0.8118
CMYK	0.96, 0.00, 0.81, 0.00
HSL	129°, 100%, 52%
HSV	129°, 96%, 100%
XYZ	36.4315, 71.8045, 14.7358
YIQ	158.4460, -78.9770, -116.1050

Conversions

Conversions Part 2

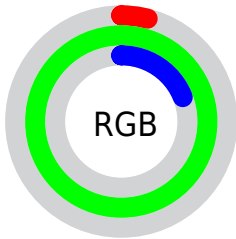
Format	Color
RYB	11, 223, 255
Decimal	786224
CIELab	87.87, -84.53, 76.41
CIELCh	88, 113.948, 137.889
Yxy	71.8045, 0.2963, 0.5839
Android (android.graphics.Color)	4278976304 (0xFF0BFF30)
YUV	158.4460, -54.4499, -129.3101
Hunter-Lab	84.7376, -71.5476, 49.0058

Details

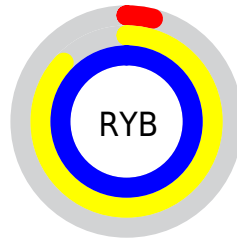
The Hex color **0BFF30** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **FF0BDA**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **78FF70**, 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 **24FF46**.

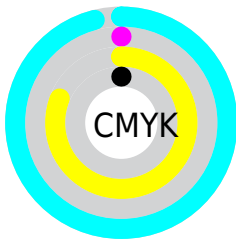
Distribution



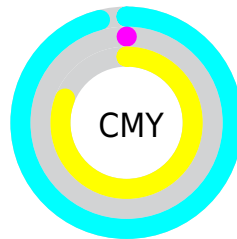
- Red (4%)
- Green (100%)
- Blue (19%)



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



- Cyan (96%)
- Magenta (0%)
- Yellow (81%)
- Black (0%)



- Cyan (96%)
- Magenta (0%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BFF30 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 0BFF30 by changing the saturation by 10% instead.

 0BFF30

FFFFFF

 78FF70

 9CFF8D

 BDFFAA

 DEFFC8

 FFFF E5

 0BFF30

 00E100

 00C400

 00A800

 008C00

 007100

 005600

 003D00

 002200

 000000

 0BFF30

 0BFF30

 00FF27

 24FF46

 3EFF5B

 58FF71

 71FF87

 8BFF9C

 A4FFB2

 BEFFC7

 D7FFDD

 F1FFF3

Harmonies

Analogous

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



CCEB00



0BFF30



00FFAB

Triad

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



0BFF30



00F6FF



FF57A1

Complementary

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



0BFF30



FF0BDA

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.



FF5CFF



0BFF30



42D3FF

Square

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



0BFF30



00FFFF



FF9CFF



FF9335

Rectangle

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



0BFF30



00FFF7



FF9CFF



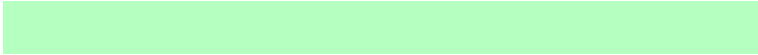
FF4DC5

Sweetspot

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



0BFF30



B5FFC0



DAFF0B



53805A



000000



808080

Same Dimension

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



0BFF30



00FF27



0BFFAA



738075



00BF1D



00400A

Inverse Universe

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



FF0BDA



FF00D8



FF0B60



80737E



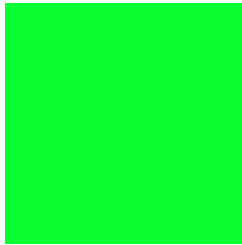
BF00A2



400036

Previews

White Background



This preview shows how the Hex color 0BFF30 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 0BFF30 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

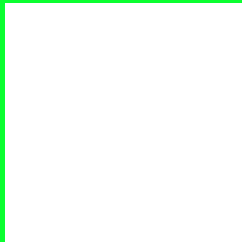
Any Text WCAG AAA ✓ Pass

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

Hex 0BFF30 Background



This preview shows how black text looks on a background with the Hex color 0BFF30.

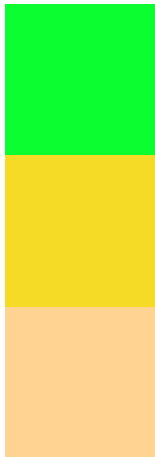


This preview shows how white text looks on a background with the Hex color 0BFF30.

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](#).

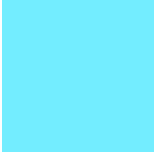
Dichromacy



Original Color
0BFF30

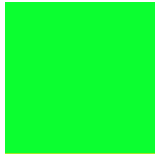
Protanopia
F6DB26

Deuteranopia
FFD391



Tritanopia
73EDFF

Trichromacy



Original Color
0BFF30



Protanomaly
A1E82A

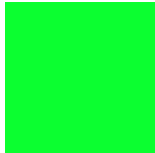


Deuteranomaly
A6E36E



Tritanomaly
4DF4B4

Monochromacy



Original Color
0BFF30



Achromatopsia
9E9E9E



Achromatomaly
69C176

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BFF30 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 #0BFF30 looks like.

```
.text, #text, p{  
    color:#0BFF30  
}
```

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 #0BFF30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BFF30
}
```

Border

The CSS property to change the border of an element to Hex 0BFF30 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
#0BFF30 }
```

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

```
.border{ border-color:#0BFF30 }
```

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

Here you see how a box with a 4 pixel #0BFF30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BFF30; -webkit-box-shadow:4px 4px  
4px 4px #0BFF30; box-shadow:4px 4px 4px  
4px #0BFF30 }
```

Background

The CSS property to change the background color of an element to Hex 0BFF30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BFF30 }
```

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

```
.background{ background-color:#0BFF30 }
```

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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