

Converting Colors

Hex(B0FF30)

Have a look what the booklet for
Hex(B0FF30) contains.

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Color

Hex(**B0FF30**)

Conversions

Conversions Part 1

Format	Color
Hex	B0FF30
RGB	176, 255, 48
RGB Percent	69%, 100%, 19%
CMY	0.3098, 0.0000, 0.8118
CMYK	0.31, 0.00, 0.81, 0.00
HSL	83°, 100%, 59%
HSV	83°, 81%, 100%
XYZ	54.1980, 80.9635, 15.5673
YIQ	207.7810, 19.3630, -81.1250

Conversions

Conversions Part 2

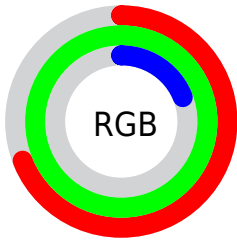
Format	Color
RYB	48, 255, 127
Decimal	11599664
CIELab	92.12, -51.39, 81.83
CIElCh	92, 96.627, 122.132
Yxy	80.9635, 0.3596, 0.5371
Android (android.graphics.Color)	4289789744 (0xFFB0FF30)
YUV	207.7810, -78.7720, -27.8719
Hunter-Lab	89.9797, -49.9476, 52.7281

Details

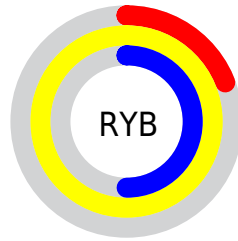
The Hex color **B0FF30** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **7F30FF**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **ECFF71**, and **74C600** is the 20% darker color. If you saturate the color by 10%, you get **A6FF17**, and if you desaturate by 10%, it is **BAFF4A**.

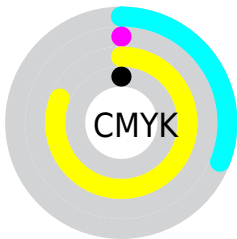
Distribution



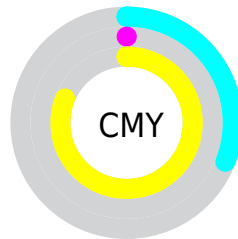
- Red (69%)
- Green (100%)
- Blue (19%)



- Red (19%)
- Yellow (100%)
- Blue (50%)



- Cyan (31%)
- Magenta (0%)
- Yellow (81%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0FF30 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 B0FF30 by changing the saturation by 10% instead.

 B0FF30

FFFFFF

 ECFF71

 FFFF8F

 FFFFAC

 FFFFCA

 FFFF8

 B0FF30

 92E200

 74C600

 56AA00

 358F00

 047500

 005C00

 004300

 002D00

 000E00

 B0FF30

 B0FF30

 A6FF17

 BAFF4A

 9EFF00

 C3FF63

 CDFF7D

 D7FF96

 E1FFB0

 EAFFC9

 F4FFE3

 FEFFFC

 FFFFFFFF

Harmonies

Analogous

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



FFE600



B0FF30



00FF8C

Triad

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



B0FF30



00FFFF



FF87E6

Complementary

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



B0FF30



7F30FF

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.



FFA0FF



B0FF30



00F1FF

Square

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



B0FF30



00FFFF



EECDFE



FF9A8B

Rectangle

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



B0FF30



00FFCC



EECDFF



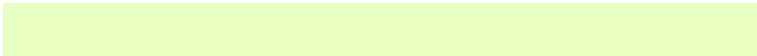
FF8BFF

Sweetspot

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



B0FF30



E8FFC2



FF7C30



71805B



000000



808080

Same Dimension

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



B0FF30



A1FF08



4CFF30



7B8073



76BF00



274000

Inverse Universe

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



7F30FF



6608FF



E330FF



787380



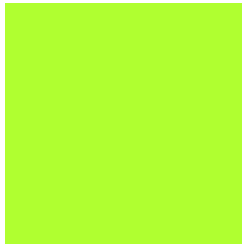
4900BF



180040

Previews

White Background



This preview shows how the Hex color B0FF30 looks on a white background.

Color Contrast Check

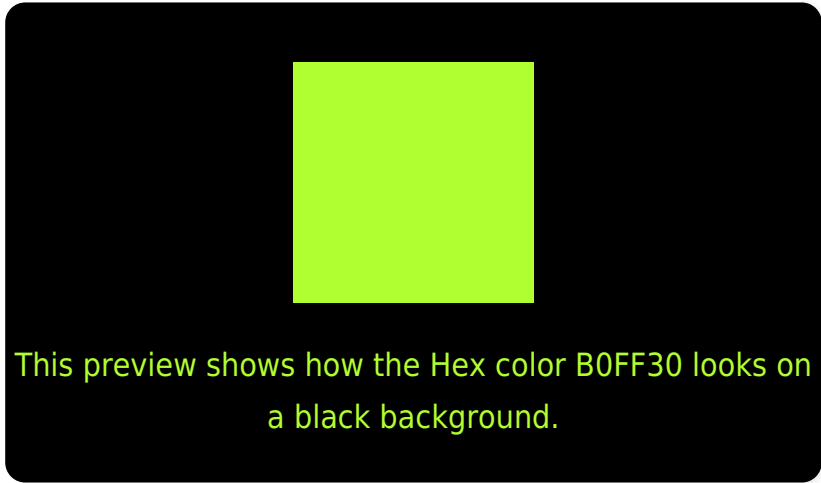
Large Text (above 18pt) WCAG AA × Fail

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 B0FF30 Background



This preview shows how black text looks on a background with the Hex color B0FF30.

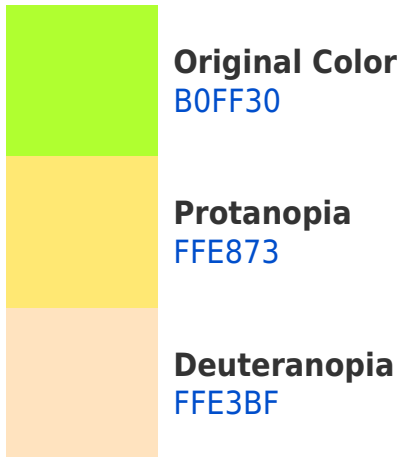


This preview shows how white text looks on a background with the Hex color B0FF30.

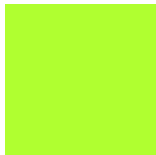
Color Blindness Simulation

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](#).

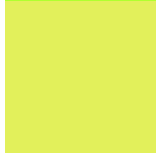
Dichromacy



Trichromacy



Original Color
B0FF30



Protanomaly
E2F05B

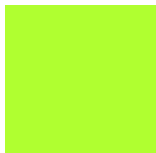


Deuteranomaly
E2ED8B

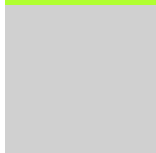


Tritanomaly
C1F4B4

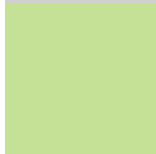
Monochromacy



Original Color
B0FF30



Achromatopsia
D0D0D0



Achromatomaly
C4E196

CSS Examples

Text

The CSS property to change the color of the text to Hex B0FF30 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 #B0FF30 looks like.

```
.text, #text, p{  
    color:#B0FF30  
}
```

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 #B0FF30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0FF30
}
```

Border

The CSS property to change the border of an element to Hex B0FF30 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
#B0FF30 }
```

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

```
.border{ border-color:#B0FF30 }
```

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

Here you see how a box with a 4 pixel #B0FF30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0FF30; -webkit-box-shadow:4px 4px  
4px 4px #B0FF30; box-shadow:4px 4px 4px  
4px #B0FF30 }
```

Background

The CSS property to change the background color of an element to Hex B0FF30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0FF30 }
```

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

```
.background{ background-color:#B0FF30 }
```

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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