

Converting Colors

Hex(00B430)

Have a look what the booklet for
Hex(00B430) contains.

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Color

Hex(00B430)

Conversions

Conversions Part 1

Format	Color
Hex	00B430
RGB	0, 180, 48
RGB Percent	0%, 71%, 19%
CMY	1.0000, 0.2941, 0.8118
CMYK	1.00, 0.00, 0.73, 0.29
HSL	136°, 100%, 35%
HSV	136°, 100%, 71%
XYZ	16.8548, 32.8559, 8.2498
YIQ	111.1320, -64.9080, -79.2120

Conversions

Conversions Part 2

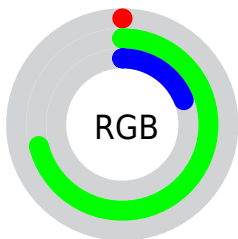
Format	Color
RYB	0, 142, 180
Decimal	46128
CIELab	64.04, -64.11, 53.38
CIELCh	64, 83.421, 140.219
Yxy	32.8559, 0.2908, 0.5669
Android (android.graphics.Color)	4278236208 (0xFF00B430)
YUV	111.1320, -31.1241, -97.4628
Hunter-Lab	57.3201, -47.8229, 31.5907

Details

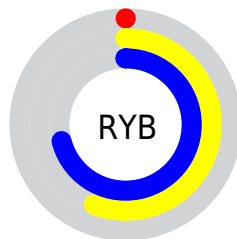
The Hex color **00B430** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **B40084**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **61ED66**, and **007D00** is the 20% darker color. If you saturate the color by 10%, you get **00B430**, and if you desaturate by 10%, it is **12B43D**.

Distribution



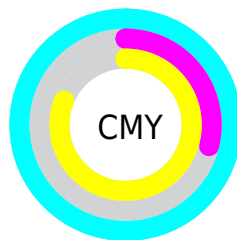
- Red (0%)
- Green (71%)
- Blue (19%)



- Red (0%)
- Yellow (56%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B430 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 00B430 by changing the saturation by 10% instead.

 00B430

 00B430

FFFFFF

 00980F

 61ED66

 007D00

 80FF81

 006300

 9FFF9C

 004A00

 BDFFB8

 003300

 DCFFD5

 001700

 FAFFF2

 000000

 00B430

 12B43D

 24B44A

 36B458

 48B465

 5AB472

 6CB47F

 7EB48C

 90B49A

 A2B4A7

Harmonies

Analogous

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



8BA700



00B430



00BA7F

Triad

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



00B430



00ABFF



FF486D

Complementary

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



00B430



B40084

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.



FF46B7



00B430



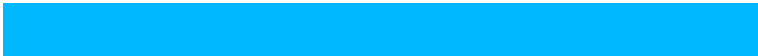
5792FF

Square

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



00B430



00B8FF



DB6CFC



FF6D24

Rectangle

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



00B430



00BCB4



DB6CFC



FF4185

Sweetspot

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



00B430



A4EBB7



84B400



4B7556



F5F5F5



757575

Same Dimension

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



00B430



00EB3F



00B48A



505953



009929



001A07

Inverse Universe

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



B40084



EB00AC



B4002A



595057



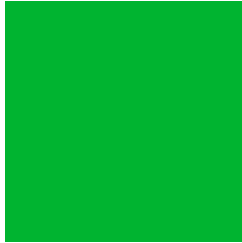
990070



1A0013

Previews

White Background



This preview shows how the Hex color 00B430 looks on a white background.

Color Contrast Check

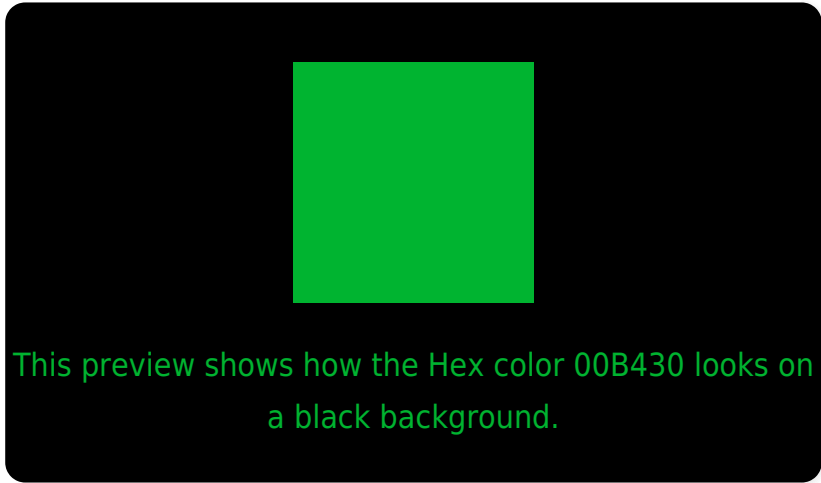
Large Text (above 18pt) WCAG AA × Fail

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

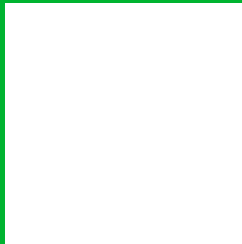
Any Text WCAG AAA ✓ Pass

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

Hex 00B430 Background



This preview shows how black text looks on a background with the Hex color 00B430.

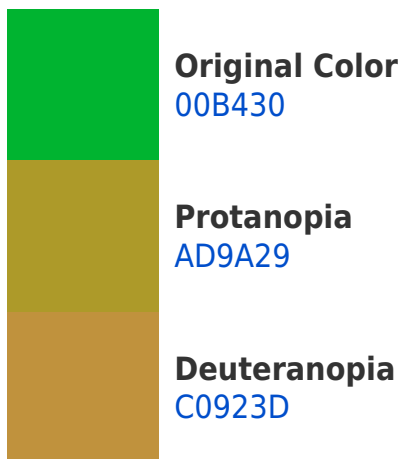


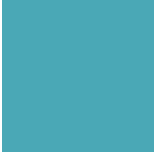
This preview shows how white text looks on a background with the Hex color 00B430.

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





Tritanopia
4AA8B6

Trichromacy



Original Color
00B430



Protanomaly
6EA32C



Deuteranomaly
7A9E38



Tritanomaly
2FAC85

Monochromacy



Original Color
00B430



Achromatopsia
6F6F6F



Achromatomaly
478858

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B430 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 #00B430 looks like.

```
.text, #text, p{  
    color:#00B430  
}
```

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 #00B430 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B430
}
```

Border

The CSS property to change the border of an element to Hex 00B430 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
#00B430 }
```

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

```
.border{ border-color:#00B430 }
```

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

Here you see how a box with a 4 pixel #00B430 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B430; -webkit-box-shadow:4px 4px  
4px 4px #00B430; box-shadow:4px 4px 4px  
4px #00B430 }
```

Background

The CSS property to change the background color of an element to Hex 00B430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B430 }
```

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

```
.background{ background-color:#00B430 }
```

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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