

Converting Colors

Hex(00B018)

Have a look what the booklet for
Hex(00B018) contains.

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Color

Hex(00B018)

Conversions

Conversions Part 1

Format	Color
Hex	00B018
RGB	0, 176, 24
RGB Percent	0%, 69%, 9%
CMY	1.0000, 0.3098, 0.9059
CMYK	1.00, 0.00, 0.86, 0.31
HSL	128°, 100%, 35%
HSV	128°, 100%, 69%
XYZ	15.6902, 31.1166, 6.0433
YIQ	106.0480, -56.1040, -84.5840

Conversions

Conversions Part 2

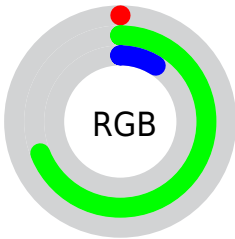
Format	Color
RYB	0, 155, 176
Decimal	45080
CIELab	62.61, -64.54, 59.24
CIELCh	63, 87.600, 137.451
Yxy	31.1166, 0.2969, 0.5888
Android (android.graphics.Color)	4278235160 (0xFF00B018)
YUV	106.0480, -40.4497, -93.0041
Hunter-Lab	55.7823, -47.4112, 32.6243

Details

The Hex color **00B018** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **B00098**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **60E955**, and **007A00** is the 20% darker color. If you saturate the color by 10%, you get **00B018**, and if you desaturate by 10%, it is **12B027**.

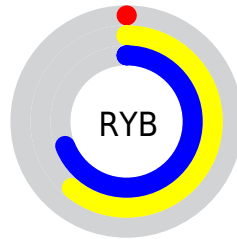
Distribution



Red (0%)

Green (69%)

Blue (9%)



Red (0%)

Yellow (61%)

Blue (69%)

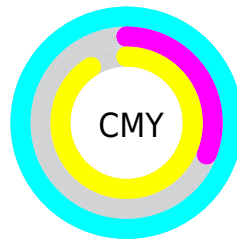


Cyan (100%)

Magenta (0%)

Yellow (86%)

Black (31%)



Cyan (100%)

Magenta (31%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B018 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 00B018 by changing the saturation by 10% instead.

 00B018

 00B018

FFFFFF

 009400

 60E955

 007A00

 80FF70

 005F00

 9FFF8C

 004600

 BDFFA8

 002F00

 DCFFC4

 001100

 FAFFE1

 000000

FFFFFFE

 00B018

 12B027

 23B036

 35B046

 46B055

 58B064

 6AB073

 7BB082

 8DB092

 9EB0A1

Harmonies

Analogous

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



8DA200



00B018



00B773

Triad

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



00B018



00AAFF



FF356E

Complementary

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



00B018



B00098

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.



FF3ABC



00B018



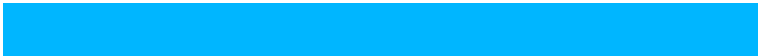
1491FF

Square

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



00B018



00B6FF



D169FF



FF6220

Rectangle

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



00B018



00B9A9



D169FF



FF2D88

Sweetspot

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



00B018



A1E6AA



99B000



49734F



F2F2F2



737373

Same Dimension

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



00B018



00E61F



00B06F



505952



009915



001A03

Inverse Universe

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



B00098



E600C6



B00041



595058



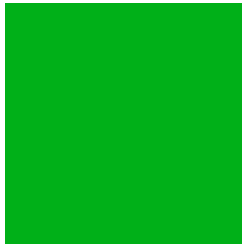
990084



1A0016

Previews

White Background



This preview shows how the Hex color 00B018 looks on a white background.

Color Contrast Check

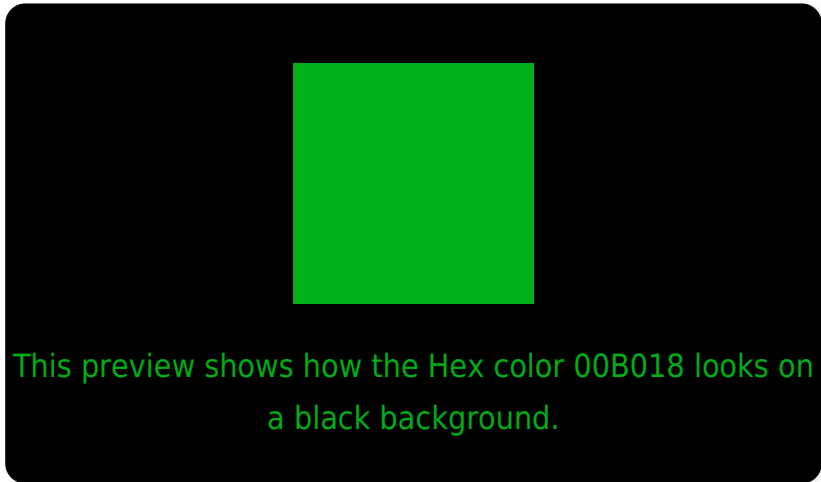
Large Text (above 18pt) WCAG AA × Fail

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 00B018 Background



This preview shows how black text looks on a background with the Hex color 00B018.

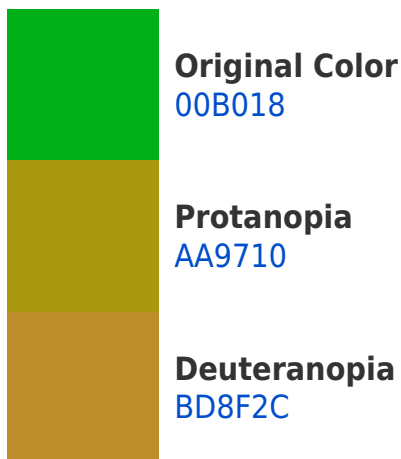


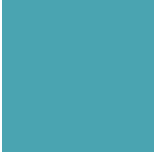
This preview shows how white text looks on a background with the Hex color 00B018.

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](#).

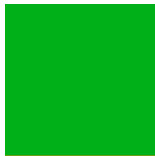
Dichromacy





Tritanopia
4AA4B1

Trichromacy



Original Color
00B018



Protanomaly
6CA013



Deuteranomaly
789B25



Tritanomaly
2FA879

Monochromacy



Original Color
00B018



Achromatopsia
6A6A6A



Achromatomaly
43834C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B018 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 #00B018 looks like.

```
.text, #text, p{  
    color:#00B018  
}
```

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 #00B018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B018
}
```

Border

The CSS property to change the border of an element to Hex 00B018 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
#00B018 }
```

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

```
.border{ border-color:#00B018 }
```

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

Here you see how a box with a 4 pixel #00B018 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B018; -webkit-box-shadow:4px 4px  
4px 4px #00B018; box-shadow:4px 4px 4px  
4px #00B018 }
```

Background

The CSS property to change the background color of an element to Hex 00B018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B018 }
```

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

```
.background{ background-color:#00B018 }
```

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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