

Converting Colors

Hex(00B923)

Have a look what the booklet for
Hex(00B923) contains.

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Color

Hex(00B923)

Conversions

Conversions Part 1

Format	Color
Hex	00B923
RGB	0, 185, 35
RGB Percent	0%, 73%, 14%
CMY	1.0000, 0.2745, 0.8627
CMYK	1.00, 0.00, 0.81, 0.27
HSL	131°, 100%, 36%
HSV	131°, 100%, 73%
XYZ	17.6523, 34.8193, 7.3805
YIQ	112.5850, -62.1100, -85.8700

Conversions

Conversions Part 2

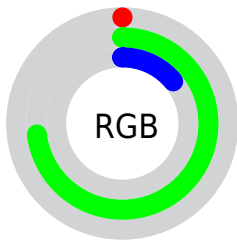
Format	Color
RYB	0, 156, 185
Decimal	47395
CIELab	65.61, -66.49, 59.16
CIELCh	66, 88.994, 138.339
Yxy	34.8193, 0.2949, 0.5818
Android (android.graphics.Color)	4278237475 (0xFF00B923)
YUV	112.5850, -38.2494, -98.7370
Hunter-Lab	59.0079, -49.8651, 33.8897

Details

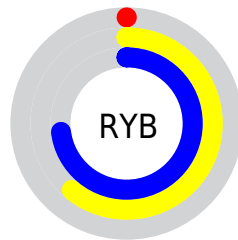
The Hex color **00B923** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B90096**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **63F25D**, and **008200** is the 20% darker color. If you saturate the color by 10%, you get **00B923**, and if you desaturate by 10%, it is **12B932**.

Distribution



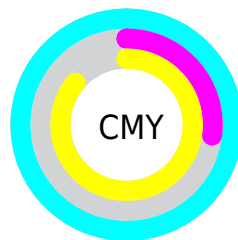
- Red (0%)
- Green (73%)
- Blue (14%)



- Red (0%)
- Yellow (61%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (81%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B923 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 00B923 by changing the saturation by 10% instead.

 00B923

 00B923

FFFFFF

 009D00

 63F25D

 008200

 83FF78

 006800

 A2FF94

 004E00

 C0FFB0

 003700

 DFFFCD

 001C00

 FEFFEA

 000000

 00B923

 12B932

 25B941

 38B950

 4AB95F

 5DB96E

 6FB97D

 82B98C

 94B99B

 A7B9AA

Harmonies

Analogous

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



92AA00



00B923



00C07C

Triad

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



00B923



00B2FF



FF3F73

Complementary

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



00B923



B90096

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.



FF41C2



00B923



3898FF

Square

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



00B923



00BFFF



DD6FFF



FF6A23

Rectangle

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



00B923



00C2B4



DD6FFF



FF378D

Sweetspot

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



00B923



A8F0B5



97B900



4D7855



F7F7F7



787878

Same Dimension

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



00B923



00F02D



00B97E



535C54



009C1D



001C05

Inverse Universe

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



B90096



F000C2



B9003B



5C535A



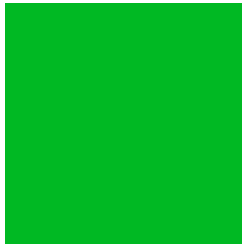
9C007E



1C0017

Previews

White Background



This preview shows how the Hex color 00B923 looks on a white background.

Color Contrast Check

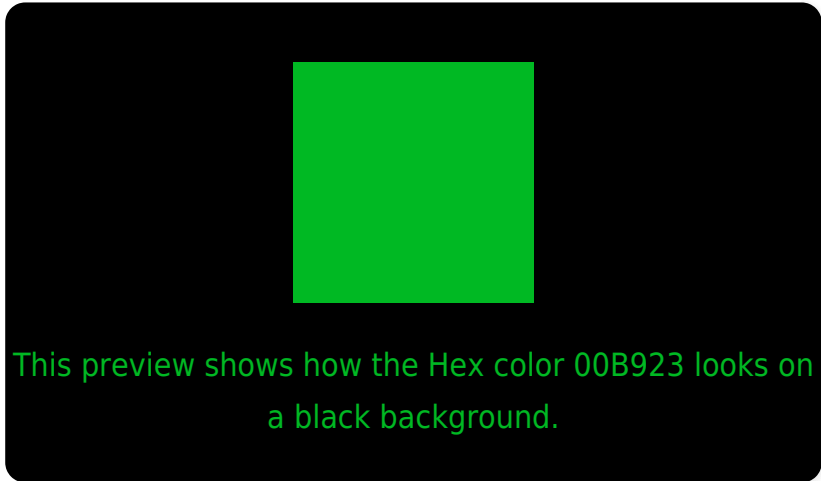
Large Text (above 18pt) WCAG AA × Fail

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 00B923 Background



This preview shows how black text looks on a background with the Hex color 00B923.



This preview shows how white text looks on a background with the Hex color 00B923.

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
00B923

Protanopia
B29F1C

Deuteranopia
C69634

Trichromacy



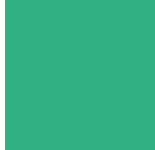
Original Color
00B923



Protanomaly
71A81F



Deuteranomaly
7EA32E



Tritanomaly
31B183

Monochromacy



Original Color
00B923



Achromatopsia
717171



Achromatomaly
488B55

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B923 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 #00B923 looks like.

```
.text, #text, p{  
    color:#00B923  
}
```

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 #00B923 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B923
}
```

Border

The CSS property to change the border of an element to Hex 00B923 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
#00B923 }
```

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

```
.border{ border-color:#00B923 }
```

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

Here you see how a box with a 4 pixel #00B923 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B923; -webkit-box-shadow:4px 4px  
4px 4px #00B923; box-shadow:4px 4px 4px  
4px #00B923 }
```

Background

The CSS property to change the background color of an element to Hex 00B923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B923 }
```

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

```
.background{ background-color:#00B923 }
```

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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