

# Converting Colors

Hex(00B925)

Have a look what the booklet for  
Hex(00B925) contains.

<b>Hex(00B925)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(00B925)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B925
RGB	0, 185, 37
RGB Percent	0%, 73%, 15%
CMY	1.0000, 0.2745, 0.8549
CMYK	1.00, 0.00, 0.80, 0.27
HSL	132°, 100%, 36%
HSV	132°, 100%, 73%
XYZ	17.6829, 34.8315, 7.5414
YIQ	112.8130, -62.7520, -85.2480

# Conversions

## Conversions Part 2

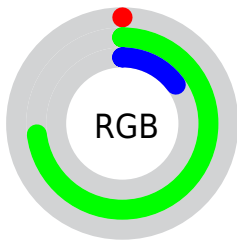
Format	Color
<a href="#">RYB</a>	<a href="#">0, 154, 185</a>
Decimal	<a href="#">47397</a>
CIELab	<a href="#">65.62, -66.36, 58.58</a>
CIELCh	<a href="#">66, 88.522, 138.562</a>
Yxy	<a href="#">34.8315, 0.2944, 0.5800</a>
Android (android.graphics.Color)	<a href="#">4278237477 (0xFF00B925)</a>
YUV	<a href="#">112.8130, -37.3758, -98.9370</a>
Hunter-Lab	<a href="#">59.0182, -49.8001, 33.7366</a>

# Details

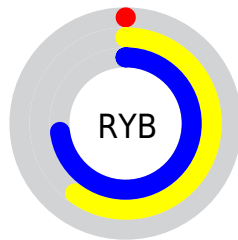
The Hex color **00B925** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B90094**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **63F25E**, and **008200** is the 20% darker color. If you saturate the color by 10%, you get **00B925**, and if you desaturate by 10%, it is **12B934**.

# Distribution



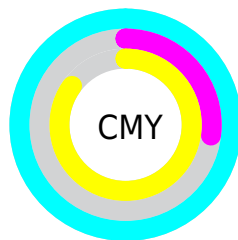
- Red (0%)
- Green (73%)
- Blue (15%)



- Red (0%)
- Yellow (60%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00B925 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 00B925 by changing the saturation by 10% instead.



 00B925

 00B925

FFFFFF

 009D00

 63F25E

 008200

 83FF7A

 006800

 A2FF95

 004E00

 C0FFB1

 003700

 DFFFCE

 001C00

 FEFFEB

 000000

 00B925

 12B934

 25B943

 38B951

 4AB960

 5DB96F

 6FB97E

 82B98D

 94B99B

 A7B9AA

# Harmonies

## Analogous

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



92AB00



00B925



00C07D

# Triad

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



00B925



00B2FF



FF4072

# Complementary

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



00B925



B90094

# 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.



FF42C1



00B925



3D98FF

# Square

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



00B925



00BEFF



DE6FFF



FF6B24

# Rectangle

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



00B925



00C2B5



DE6FFF



FF398C

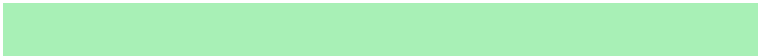


# Sweetspot

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



00B925



A8F0B6



94B900



4D7855



F7F7F7



787878



# Same Dimension

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



00B925



00F030



00B982



535C54



009C1F



001C06



# Inverse Universe

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



B90094



F000C0



B90038



5C535A



9C007C

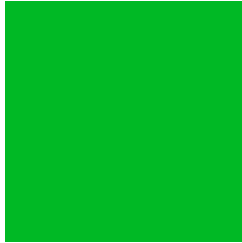


1C0016



# Previews

## White Background



This preview shows how the Hex color 00B925 looks on a white background.

## Color Contrast Check

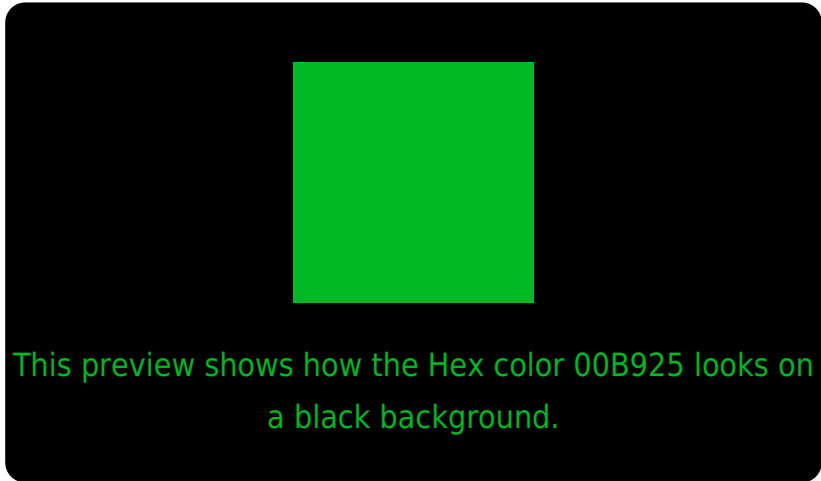
Large Text (above 18pt) WCAG AA × Fail

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 00B925 Background



This preview shows how black text looks on a background with the Hex color 00B925.



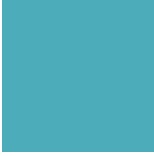
This preview shows how white text looks on a background with the Hex color 00B925.

# 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



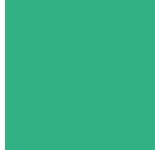
**Original Color**  
00B925



**Protanomaly**  
71A821



**Deuteranomaly**  
7EA32F



**Tritanomaly**  
31B184

# Monochromacy



**Original Color**  
00B925



**Achromatopsia**  
717171



**Achromatomaly**  
488B55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00B925 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 #00B925 looks like.

```
.text, #text, p{  
    color:#00B925  
}
```

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 #00B925 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B925
}
```

## Border

The CSS property to change the border of an element to Hex 00B925 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
#00B925 }
```

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

```
.border{ border-color:#00B925 }
```

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

Here you see how a box with a 4 pixel #00B925 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B925; -webkit-box-shadow:4px 4px  
4px 4px #00B925; box-shadow:4px 4px 4px  
4px #00B925 }
```

# Background

The CSS property to change the background color of an element to Hex 00B925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B925 }
```

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

```
.background{ background-color:#00B925 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor