

# Converting Colors

Hex(00BA26)

Have a look what the booklet for  
Hex(00BA26) contains.

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**Color**

**Hex(00BA26)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BA26
RGB	0, 186, 38
RGB Percent	0%, 73%, 15%
CMY	1.0000, 0.2706, 0.8510
CMYK	1.00, 0.00, 0.80, 0.27
HSL	132°, 100%, 36%
HSV	132°, 100%, 73%
XYZ	17.9088, 35.2578, 7.6953
YIQ	113.5140, -63.3480, -85.4600

# Conversions

## Conversions Part 2

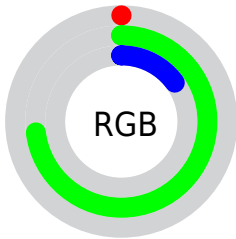
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 154, 186
Decimal	47654
CIELab	65.95, -66.58, 58.60
CIELCh	66, 88.698, 138.648
Yxy	35.2578, 0.2943, 0.5793
Android (android.graphics.Color)	4278237734 (0xFF00BA26)
YUV	113.5140, -37.2284, -99.5518
Hunter-Lab	59.3782, -50.0755, 33.8809

# Details

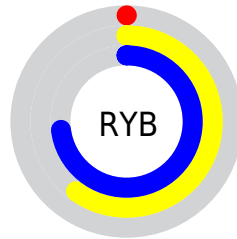
The Hex color **00BA26** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BA0094**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **63F45F**, and **008300** is the 20% darker color. If you saturate the color by 10%, you get **00BA26**, and if you desaturate by 10%, it is **13BA35**.

# Distribution



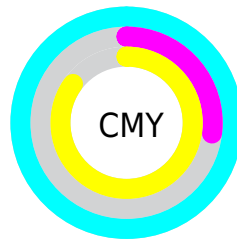
- Red (0%)
- Green (73%)
- Blue (15%)



- 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 00BA26 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 00BA26 by changing the saturation by 10% instead.



 00BA26

 00BA26


FFFFFF

 009E00

 63F45F

 008300

 83FF7B

 006900

 A2FF96

 004F00

 C1FFB2

 003700

 DFFFCE

 001D00

 FEFCEC

 000000

 00BA26

 13BA35

 25BA44

 38BA52

 4ABA61

 5DBA70

 70BA7F

 82BA8E

 95BA9C

 A7BAAB

# Harmonies

## Analogous

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



93AB00



00BA26



00C17E

# Triad

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



00BA26



00B3FF



FF4173

# Complementary

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



00BA26



BA0094

# 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.



FF43C2



00BA26



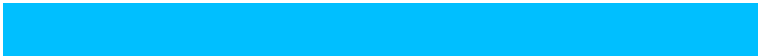
4099FF

# Square

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



00BA26



00BFFF



DF70FF



FF6C24

# Rectangle

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



00BA26



00C3B6



DF70FF



FF3A8D



# Sweetspot

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



00BA26



AAF2B8



95BA00



4E7A57



FAFAFA



7A7A7A



# Same Dimension

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



00BA26



00F231



00BA82



535C54



009C20



001C06



# Inverse Universe

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



BA0094



F200C1



BA0038



5C535A



9C007C

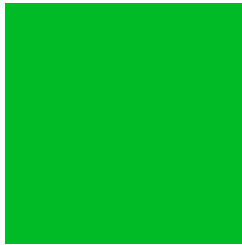


1C0016



# Previews

## White Background



This preview shows how the Hex color 00BA26 looks on a white background.

## Color Contrast Check

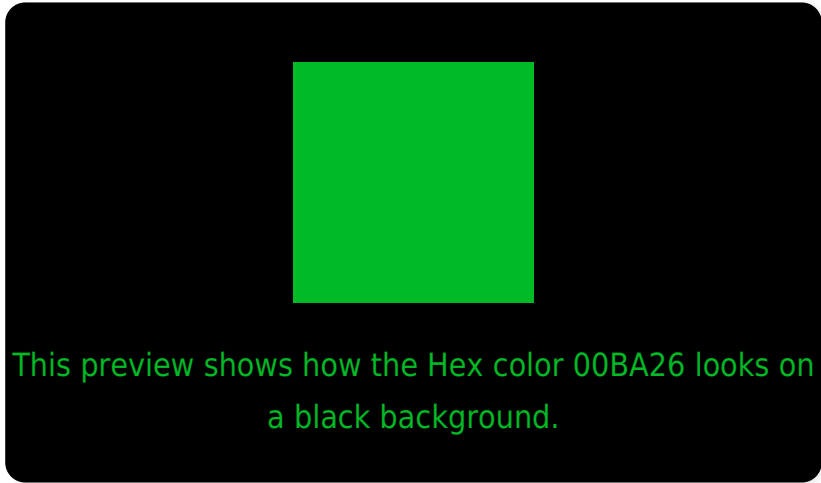
Large Text (above 18pt) WCAG AA × Fail

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 00BA26 Background



This preview shows how black text looks on a background with the Hex color 00BA26.

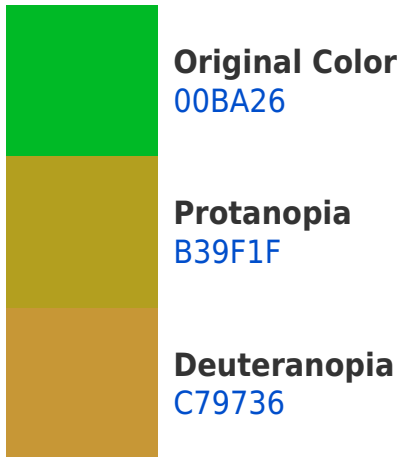


This preview shows how white text looks on a background with the Hex color 00BA26.

# 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**  
00BA26



**Protanomaly**  
72A922



**Deuteranomaly**  
7FA430



**Tritanomaly**  
31B285

# Monochromacy



**Original Color**  
00BA26



**Achromatopsia**  
727272



**Achromatomaly**  
498C56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00BA26 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 #00BA26 looks like.

```
.text, #text, p{  
    color:#00BA26  
}
```

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 #00BA26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BA26
}
```

## Border

The CSS property to change the border of an element to Hex 00BA26 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
#00BA26 }
```

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

```
.border{ border-color:#00BA26 }
```

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

Here you see how a box with a 4 pixel #00BA26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BA26; -webkit-box-shadow:4px 4px  
4px 4px #00BA26; box-shadow:4px 4px 4px  
4px #00BA26 }
```

# Background

The CSS property to change the background color of an element to Hex 00BA26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BA26 }
```

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

```
.background{ background-color:#00BA26 }
```

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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