

# Converting Colors

Hex(04C53B)

Have a look what the booklet for  
Hex(04C53B) contains.

<b>Hex(04C53B)</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(04C53B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04C53B
RGB	4, 197, 59
RGB Percent	2%, 77%, 23%
CMY	0.9843, 0.2275, 0.7686
CMYK	0.98, 0.00, 0.70, 0.23
HSL	137°, 96%, 39%
HSV	137°, 98%, 77%
XYZ	20.8057, 40.2741, 10.8148
YIQ	123.5610, -70.7300, -83.8340

# Conversions

## Conversions Part 2

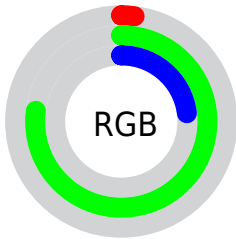
Format	Color
<a href="#">RYB</a>	<a href="#">4, 154, 197</a>
Decimal	<a href="#">312635</a>
CIELab	<a href="#">69.66, -67.91, 55.07</a>
CIELCh	<a href="#">70, 87.433, 140.957</a>
Yxy	<a href="#">40.2741, 0.2894, 0.5602</a>
Android (android.graphics.Color)	<a href="#">4278502715 (0xFF04C53B)</a>
YUV	<a href="#">123.5610, -31.8286, -104.8550</a>
Hunter-Lab	<a href="#">63.4619, -52.5377, 34.3195</a>

# Details

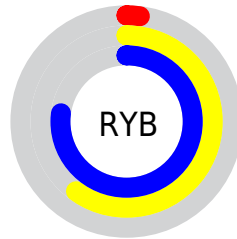
The Hex color **04C53B** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **C5048E**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **66FF71**, and **008D00** is the 20% darker color. If you saturate the color by 10%, you get **00C538**, and if you desaturate by 10%, it is **18C549**.

# Distribution



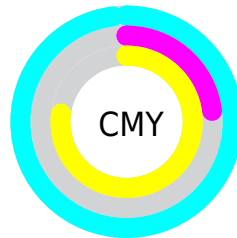
- Red (2%)
- Green (77%)
- Blue (23%)



- Red (2%)
- Yellow (60%)
- Blue (77%)



- Cyan (98%)
- Magenta (0%)
- Yellow (70%)
- Black (23%)



- Cyan (98%)
- Magenta (23%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 04C53B 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 04C53B by changing the saturation by 10% instead.



 04C53B

 04C53B

FFFFFF

 00A91D

 66FF71

 008D00

 86FF8C

 007300

 A6FFA8

 005800

 C4FFC4

 004000

 E3FFE1

 002700

 000000

 04C53B

 04C53B

 00C538

 18C549

 2BC557

 3FC565

 53C573

 67C581

 7AC590

 8EC59E

 A2C5AC

 B5C5BA

# Harmonies

## Analogous

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



98B700



04C53B



00CC8F

# Triad

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



04C53B



00BBFF



FF5477

# Complementary

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



04C53B



C5048E

# 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.



FF51C6



04C53B



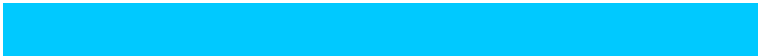
6AA0FF

# Square

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



04C53B



00C9FF



F078FF



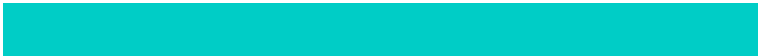
FF7A2A

# Rectangle

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



04C53B



00CDC6



F078FF



FF4D91

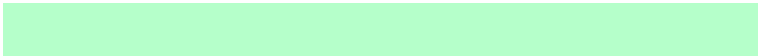


# Sweetspot

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



04C53B



B5FFCA



8EC504



538060



000000



808080



# Same Dimension

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



04C53B



00FF49



04C59B



5A635C



00A32F



00240A



# Inverse Universe

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



C5048E



FF00B6



C5042E



635A61



A30075

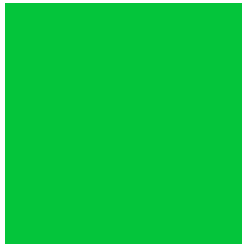


24001A



# Previews

## White Background



This preview shows how the Hex color 04C53B 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



This preview shows how the Hex color 04C53B looks on a 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 04C53B Background



This preview shows how black text looks on a background with the Hex color 04C53B.

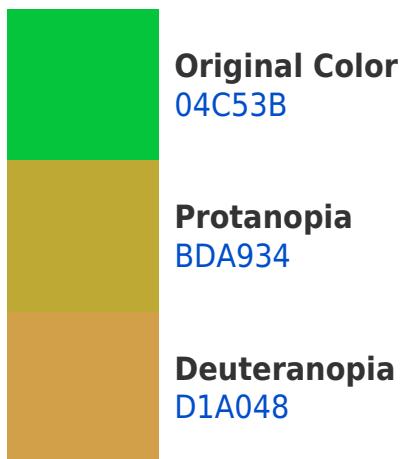


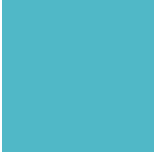
This preview shows how white text looks on a background with the Hex color 04C53B.

# 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](#).

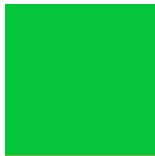
## Dichromacy





**Tritanopia**  
50B8C7

# Trichromacy



**Original Color**  
04C53B



**Protanomaly**  
7AB337



**Deuteranomaly**  
86AD43



**Tritanomaly**  
34BD94

# Monochromacy



**Original Color**  
04C53B



**Achromatopsia**  
7C7C7C



**Achromatomaly**  
509764

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 04C53B 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 #04C53B looks like.

```
.text, #text, p{  
    color:#04C53B  
}
```

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 #04C53B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04C53B
}
```

## Border

The CSS property to change the border of an element to Hex 04C53B 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".

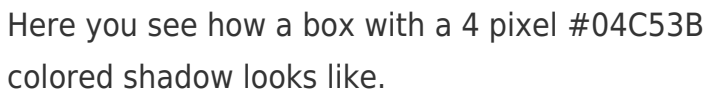
```
.border, #border, table{ border:4px solid
#04C53B }
```

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

```
.border{ border-color:#04C53B }
```

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

Here you see how a box with a 4 pixel #04C53B colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4-pixel wide, 4-pixel high, 4-pixel offset box shadow in the color #04C53B.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04C53B; -webkit-box-shadow:4px 4px  
4px 4px #04C53B; box-shadow:4px 4px 4px  
4px #04C53B }
```

# Background

The CSS property to change the background color of an element to Hex 04C53B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04C53B }
```

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

```
.background{ background-color:#04C53B }
```

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