

# Converting Colors

Decimal(50189)

Have a look what the booklet for  
Decimal(50189) contains.

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# **Color**

**Decimal(50189)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C40D
RGB	0, 196, 13
RGB Percent	0%, 77%, 5%
CMY	1.0000, 0.2314, 0.9490
CMYK	1.00, 0.00, 0.93, 0.23
HSL	124°, 100%, 38%
HSV	124°, 100%, 77%
XYZ	19.8126, 39.5089, 6.9625
YIQ	116.5340, -58.0730, -98.4650

# Conversions

## Conversions Part 2

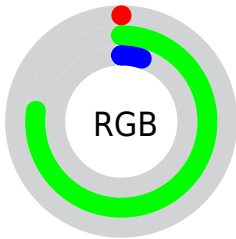
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 184, 196
Decimal	50189
CIELab	69.12, -70.43, 66.78
CIELCh	69, 97.053, 136.523
Yxy	39.5089, 0.2989, 0.5961
Android (android.graphics.Color)	4278240269 (0xFF00C40D)
YUV	116.5340, -51.0423, -102.2003
Hunter-Lab	62.8561, -53.7341, 37.4318

# Details

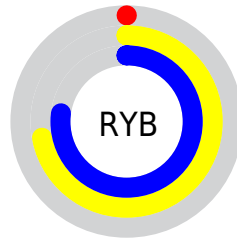
The Decimal color **50189** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **12845239**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **6815316**, and **35840** is the 20% darker color. If you saturate the color by 10%, you get **50189**, and if you desaturate by 10%, it is **1360927**.

# Distribution



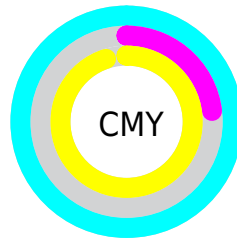
- Red (0%)
- Green (77%)
- Blue (5%)



- Red (0%)
- Yellow (72%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (93%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 50189 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 Decimal color 50189 by changing the saturation by 10% instead.



 50189	 50189
 16777215	 43008
 6815316	 35840
 8978288	 29184
 11009932	 22272
 13041577	 16128
 15073221	 9728
 16777187	 0

 50189

 1360927

 2606130

 3916868

 5162070

 6472809

 7783547

 9028749

 10339487

 11584690

# Harmonies

## Analogous

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



10466304



50189



52348

# Triad

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



50189



49151



16725117

# Complementary

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



50189



12845239

# 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.



16727252



50189



41983

# Square

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



50189



52223



15103743



16738852

# Rectangle

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



50189



52922



15103743



16722330

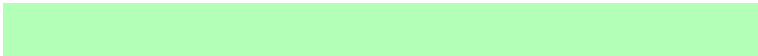


# Sweetspot

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



50189



11796408



12239872



5406805



0



8421504



# Same Dimension

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



50189



65297



50284



5726552



41227



8450



# Inverse Universe

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



12845239



16711918



12845144



6379360



10551446

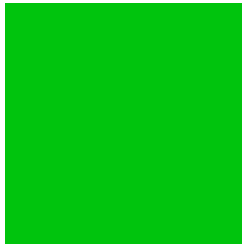


2162719



# Previews

## White Background



This preview shows how the Decimal color 50189 looks on a white background.

## Color Contrast Check

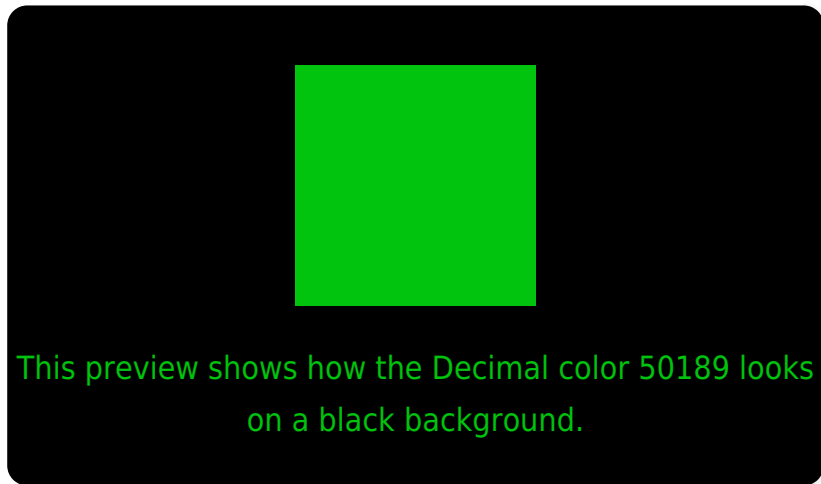
Large Text (above 18pt) WCAG AA × Fail

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](#).



## Decimal 50189 Background



This preview shows how black text looks on a background with the Decimal color 50189.

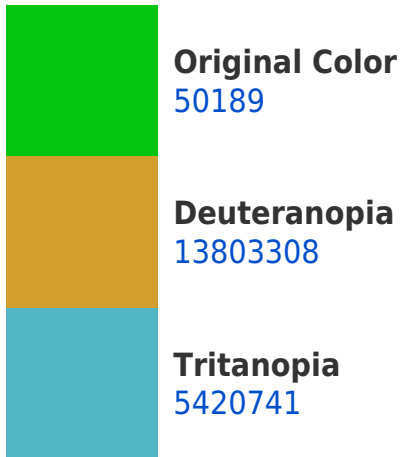


This preview shows how white text looks on a background with the Decimal color 50189.

# 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**  
50189

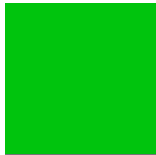


**Deuteranomaly**  
8825889



**Tritanomaly**  
3455874

# Monochromacy



**Original Color**  
50189



**Achromatopsia**  
7697781



**Achromatomaly**  
4887119

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 50189 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 #00C40D looks like.

```
.text, #text, p{  
    color:#00C40D  
}
```

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 #00C40D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C40D
}
```

## Border

The CSS property to change the border of an element to Decimal 50189 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
#00C40D }
```

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

```
.border{ border-color:#00C40D }
```

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

Here you see how a box with a 4 pixel #00C40D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C40D; -webkit-box-shadow:4px 4px  
4px 4px #00C40D; box-shadow:4px 4px 4px  
4px #00C40D }
```

# Background

The CSS property to change the background color of an element to Decimal 50189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C40D }
```

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

```
.background{ background-color:#00C40D }
```

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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