

# Converting Colors

Decimal(313378)

Have a look what the booklet for  
Decimal(313378) contains.

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**Color**

**Decimal(313378)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04C822
RGB	4, 200, 34
RGB Percent	2%, 78%, 13%
CMY	0.9843, 0.2157, 0.8667
CMYK	0.98, 0.00, 0.83, 0.22
HSL	129°, 96%, 40%
HSV	129°, 98%, 78%
XYZ	20.9931, 41.4499, 8.4075
YIQ	122.4720, -63.5300, -93.1780

# Conversions

## Conversions Part 2

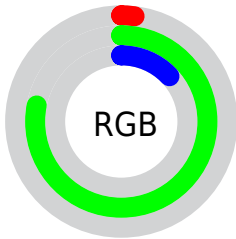
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 174, 200
Decimal	313378
CIELab	70.49, -70.56, 63.95
CIELCh	70, 95.233, 137.813
Yxy	41.4499, 0.2963, 0.5850
Android (android.graphics.Color)	4278503458 (0xFF04C822)
YUV	122.4720, -43.6167, -103.8999
Hunter-Lab	64.3816, -54.4637, 37.3244

# Details

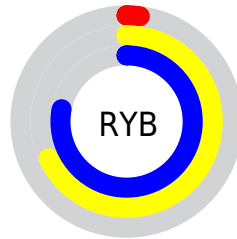
The Decimal color **313378** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **13108394**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **6881119**, and **36864** is the 20% darker color. If you saturate the color by 10%, you get **51231**, and if you desaturate by 10%, it is **1624115**.

# Distribution



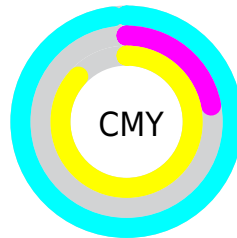
- Red (2%)
- Green (78%)
- Blue (13%)



- Red (2%)
- Yellow (68%)
- Blue (78%)



- Cyan (98%)
- Magenta (0%)
- Yellow (83%)
- Black (22%)






















- Cyan (98%)
- Magenta (22%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 313378 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 313378 by changing the saturation by 10% instead.



 313378	 313378
 16777215	 44032
 6881119	 36864
 9043835	 29952
 11075479	 23296
 13107123	 16896
 15204304	 10496
 16777197	 768
	 0
 313378	 313378

■ 51231

■ 1624115

■ 2934852

■ 4245589

■ 5556326

■ 6867063

■ 8177800

■ 9488537

■ 10799274

■ 12110010

# Harmonies

## Analogous

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



10532864



313378



53381

# Triad

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



313378



49663



16728701

# Complementary

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



313378



13108394

# 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.



16729556



313378



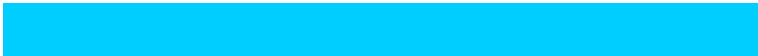
3057151

# Square

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



313378



52991



15628799



16740647

# Rectangle

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



313378



53954



15628799



16726426

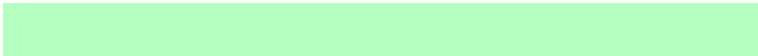


# Sweetspot

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



313378



11927488



11257860



5472346



0



8421504



# Same Dimension

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



313378



65319



313475



5923675



41753



9221



# Inverse Universe

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



13108394



16711896



13108297



6511202



10682506

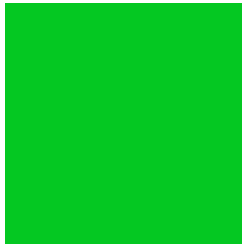


2359326



# Previews

## White Background



This preview shows how the Decimal color 313378 looks on a white background.

## Color Contrast Check

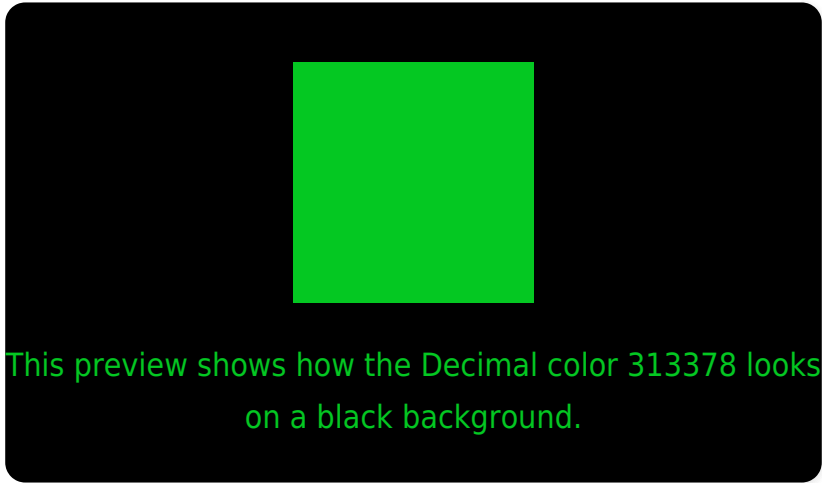
Large Text (above 18pt) WCAG AA × Fail

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

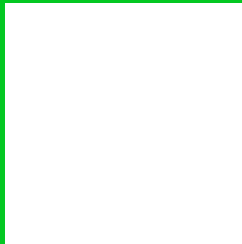
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 313378 Background



This preview shows how black text looks on a background with the Decimal color 313378.

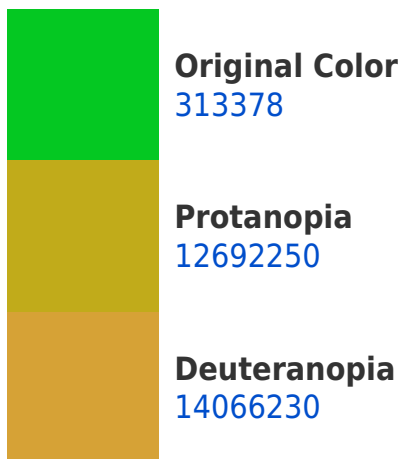


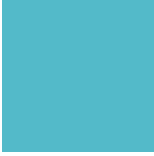
This preview shows how white text looks on a background with the Decimal color 313378.

# 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**  
5487305

# Trichromacy



**Original Color**  
313378



**Protanomaly**  
8173085



**Deuteranomaly**  
9089071



**Tritanomaly**  
3587980

# Monochromacy



**Original Color**  
313378



**Achromatopsia**  
8026746



**Achromatomaly**  
5215834

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 313378 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 #04C822 looks like.

```
.text, #text, p{  
    color:#04C822  
}
```

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 #04C822 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04C822
}
```

## Border

The CSS property to change the border of an element to Decimal 313378 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".

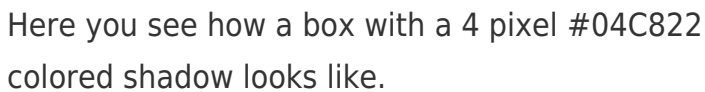
```
.border, #border, table{ border:4px solid
#04C822 }
```

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

```
.border{ border-color:#04C822 }
```

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

Here you see how a box with a 4 pixel #04C822 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 #04C822.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04C822; -webkit-box-shadow:4px 4px  
4px 4px #04C822; box-shadow:4px 4px 4px  
4px #04C822 }
```

# Background

The CSS property to change the background color of an element to Decimal 313378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04C822 }
```

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

```
.background{ background-color:#04C822 }
```

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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