

# Converting Colors

Decimal(52507)

Have a look what the booklet for  
Decimal(52507) contains.

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# **Color**

**Decimal(52507)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00CD1B
RGB	0, 205, 27
RGB Percent	0%, 80%, 11%
CMY	1.0000, 0.1961, 0.8941
CMYK	1.00, 0.00, 0.87, 0.20
HSL	128°, 100%, 40%
HSV	128°, 100%, 80%
XYZ	22.0292, 43.7418, 8.3189
YIQ	123.4130, -65.0420, -98.8180

# Conversions

## Conversions Part 2

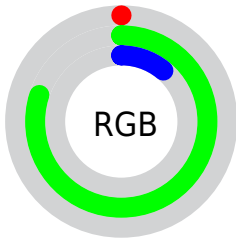
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 181, 205
Decimal	52507
CIELab	72.06, -72.42, 66.95
CIELCh	72, 98.628, 137.245
Yxy	43.7418, 0.2973, 0.5904
Android (android.graphics.Color)	4278242587 (0xFF00CD1B)
YUV	123.4130, -47.5316, -108.2332
Hunter-Lab	66.1376, -56.2858, 38.8387

# Details

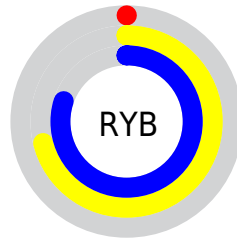
The Decimal color **52507** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **13435058**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **6946651**, and **38144** is the 20% darker color. If you saturate the color by 10%, you get **52507**, and if you desaturate by 10%, it is **1363245**.

# Distribution



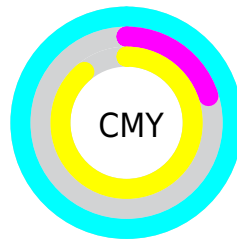
- Red (0%)
- Green (80%)
- Blue (11%)



- Red (0%)
- Yellow (71%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (87%)
- Black (20%)




















- Cyan (100%)
- Magenta (20%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 52507 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 52507 by changing the saturation by 10% instead.




 52507	 52507
 16777215	 45312
 6946651	 38144
 9109368	 31232
 11206548	 24320
 13238192	 17920
 15335373	 11520
 16777195	 3584
	 0

 52507


 1363245

 2739519

 4115792

 5426530

 6802804

 8113542

 9489816

 10800553

 12176827

# Harmonies

## Analogous

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



10861568



52507



54662

# Triad

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



52507



51199



16727681

# Complementary

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



52507



13435058

# 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.



16729051



52507



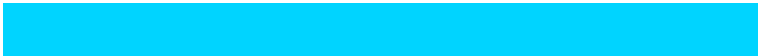
109311

# Square

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



52507



54527



15891455



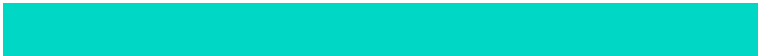
16740903

# Rectangle

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



52507



55237



15891455



16725151

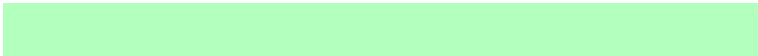


# Sweetspot

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



52507



11796413



11914496



5406808



0



8421504



# Same Dimension

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



52507



65314



52606



6055517



42518



9733



# Inverse Universe

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



13435058



16711901



13434959



6708325



10879120

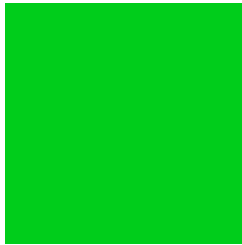


2490401



# Previews

## White Background



This preview shows how the Decimal color 52507 looks on a white background.

## Color Contrast Check

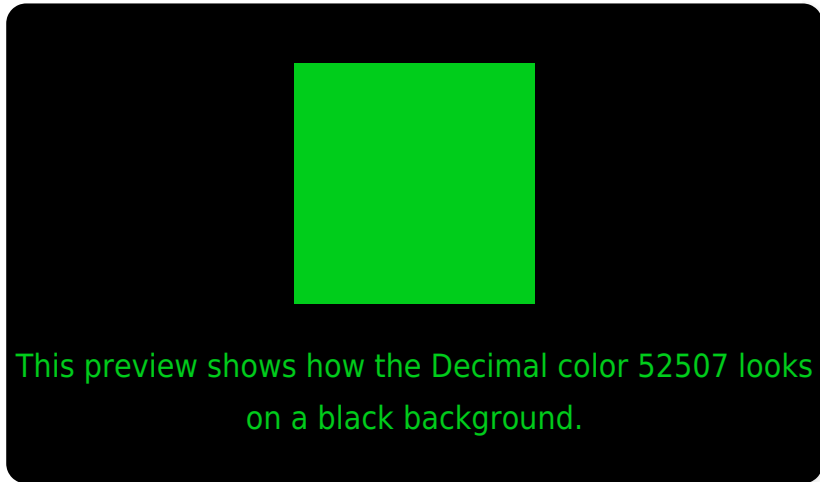
Large Text (above 18pt) WCAG AA × Fail

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 52507 Background



This preview shows how black text looks on a background with the Decimal color 52507.

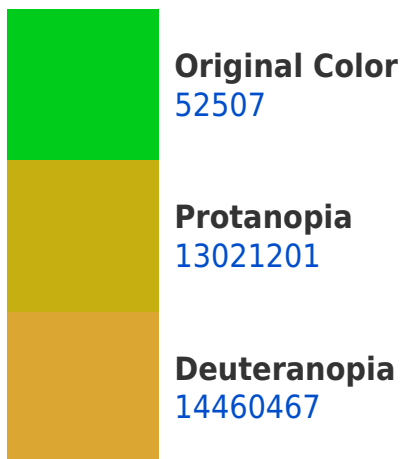


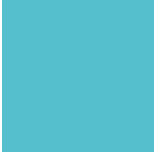
This preview shows how white text looks on a background with the Decimal color 52507.

# 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](#).

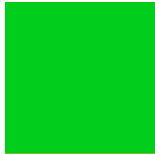
## Dichromacy





**Tritanopia**  
5685198

# Trichromacy



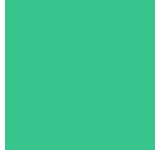
**Original Color**  
52507



**Protanomaly**  
8305429



**Deuteranomaly**  
9221162



**Tritanomaly**  
3654797

# Monochromacy



**Original Color**  
52507



**Achromatopsia**  
8092539



**Achromatomaly**  
5151064

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 52507 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 #00CD1B looks like.

```
.text, #text, p{  
    color:#00CD1B  
}
```

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 #00CD1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CD1B
}
```

## Border

The CSS property to change the border of an element to Decimal 52507 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
#00CD1B }
```

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

```
.border{ border-color:#00CD1B }
```

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

Here you see how a box with a 4 pixel #00CD1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CD1B; -webkit-box-shadow:4px 4px  
4px 4px #00CD1B; box-shadow:4px 4px 4px  
4px #00CD1B }
```

# Background

The CSS property to change the background color of an element to Decimal 52507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CD1B }
```

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

```
.background{ background-color:#00CD1B }
```

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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