

# Converting Colors

Decimal(57133)

Have a look what the booklet for  
Decimal(57133) contains.

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# **Color**

**Decimal(57133)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DF2D
RGB	0, 223, 45
RGB Percent	0%, 87%, 18%
CMY	1.0000, 0.1255, 0.8235
CMYK	1.00, 0.00, 0.80, 0.13
HSL	132°, 100%, 44%
HSV	132°, 100%, 87%
XYZ	26.8613, 52.9648, 11.2901
YIQ	136.0310, -75.7700, -102.6340

# Conversions

## Conversions Part 2

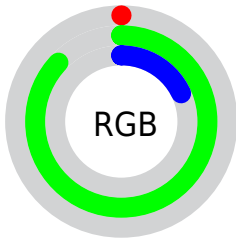
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 186, 223
Decimal	57133
CIELab	77.85, -76.42, 67.86
CIELCh	78, 102.202, 138.398
Yxy	52.9648, 0.2948, 0.5813
Android (android.graphics.Color)	4278247213 (0xFF00DF2D)
YUV	136.0310, -44.8783, -119.2992
Hunter-Lab	72.7769, -61.4768, 41.7460

# Details

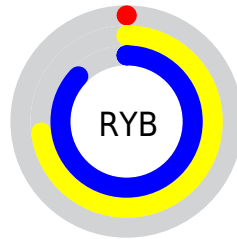
The Decimal color **57133** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **14614706**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **7274345**, and **42496** is the 20% darker color. If you saturate the color by 10%, you get **57133**, and if you desaturate by 10%, it is **1498943**.

# Distribution



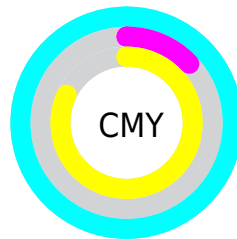
- Red (0%)
- Green (87%)
- Blue (18%)



- Red (0%)
- Yellow (73%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 57133 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 57133 by changing the saturation by 10% instead.



 57133	 57133
 16777215	 49664
 7274345	 42496
 9502598	 35328
 11599778	 28416
 13696959	 21760
 15794140	 15616
 16777210	 8704
	 0

 57133

 1498943

 3006289

 4448098

 5889908

 7397254

 8839064

 10280874

 11722683

 13230029

# Harmonies

## Analogous

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



11652608



57133



59287

# Triad

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



57133



55295



16731787

# Complementary

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



57133



14614706

# 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.



16732394



57133



4700415

# Square

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



57133



59135



16746495



16744749

# Rectangle

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



57133



60122



16746495



16729514

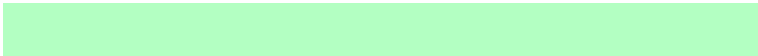


# Sweetspot

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



57133



11796418



11722496



5406811



0



8421504



# Same Dimension

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



57133



65331



57244



6647911



45092



12298



# Inverse Universe

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



14614706



16711884



14614595



7365998



11534476

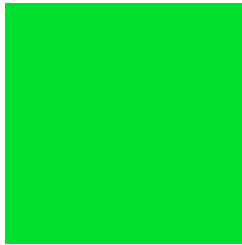


3145767



# Previews

## White Background



This preview shows how the Decimal color 57133 looks on a white background.

## Color Contrast Check

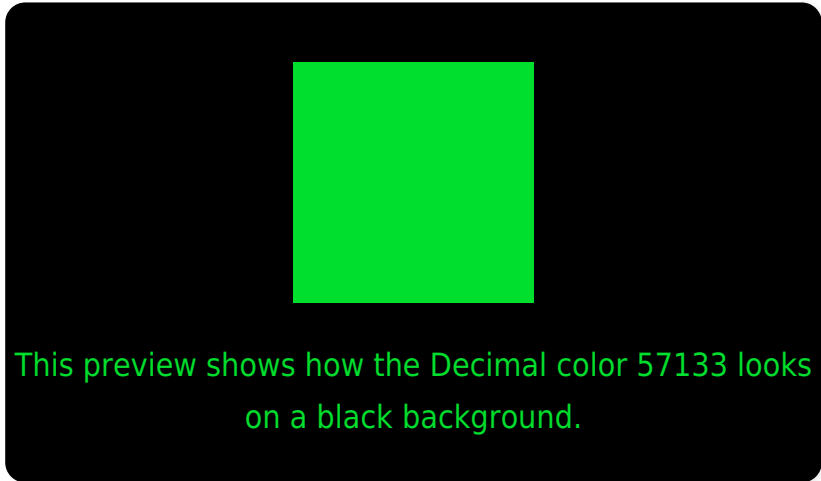
Large Text (above 18pt) WCAG AA × Fail

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 57133 Background



This preview shows how black text looks on a background with the Decimal color 57133.



This preview shows how white text looks on a background with the Decimal color 57133.

# 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](#).

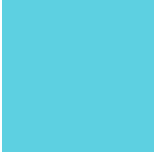
## Dichromacy



**Original Color**  
57133

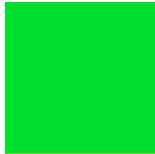
**Protanopia**  
14139173

**Deuteranopia**  
15643969



**Tritanopia**  
6148321

# Trichromacy



**Original Color**  
57133



**Protanomaly**  
9030440



**Deuteranomaly**  
9946170



**Tritanomaly**  
3921312

# Monochromacy



**Original Color**  
57133



**Achromatopsia**  
8947848



**Achromatomaly**  
5744743

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 57133 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 #00DF2D looks like.

```
.text, #text, p{  
    color:#00DF2D  
}
```

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 #00DF2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DF2D
}
```

## Border

The CSS property to change the border of an element to Decimal 57133 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
#00DF2D }
```

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

```
.border{ border-color:#00DF2D }
```

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

Here you see how a box with a 4 pixel #00DF2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DF2D; -webkit-box-shadow:4px 4px  
4px 4px #00DF2D; box-shadow:4px 4px 4px  
4px #00DF2D }
```

# Background

The CSS property to change the background color of an element to Decimal 57133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DF2D }
```

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

```
.background{ background-color:#00DF2D }
```

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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