

# Converting Colors

Decimal(54853)

Have a look what the booklet for  
Decimal(54853) contains.

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# **Color**

**Decimal(54853)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D645
RGB	0, 214, 69
RGB Percent	0%, 84%, 27%
CMY	1.0000, 0.1608, 0.7294
CMYK	1.00, 0.00, 0.68, 0.16
HSL	139°, 100%, 42%
HSV	139°, 100%, 84%
XYZ	25.1207, 48.5228, 13.6721
YIQ	133.4840, -80.9990, -90.4630

# Conversions

## Conversions Part 2

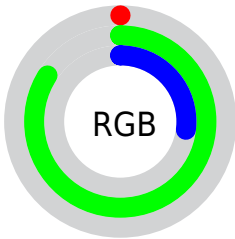
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 162, 214
Decimal	54853
CIELab	75.15, -72.03, 57.01
CIELCh	75, 91.860, 141.639
Yxy	48.5228, 0.2877, 0.5557
Android (android.graphics.Color)	4278244933 (0xFF00D645)
YUV	133.4840, -31.7906, -117.0655
Hunter-Lab	69.6583, -57.5299, 37.1238

# Details

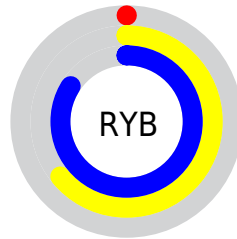
The Decimal color **54853** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **14024849**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **7012220**, and **40192** is the 20% darker color. If you saturate the color by 10%, you get **54853**, and if you desaturate by 10%, it is **1431124**.

# Distribution



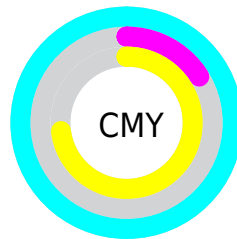
- Red (0%)
- Green (84%)
- Blue (27%)



- Red (0%)
- Yellow (64%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (16%)



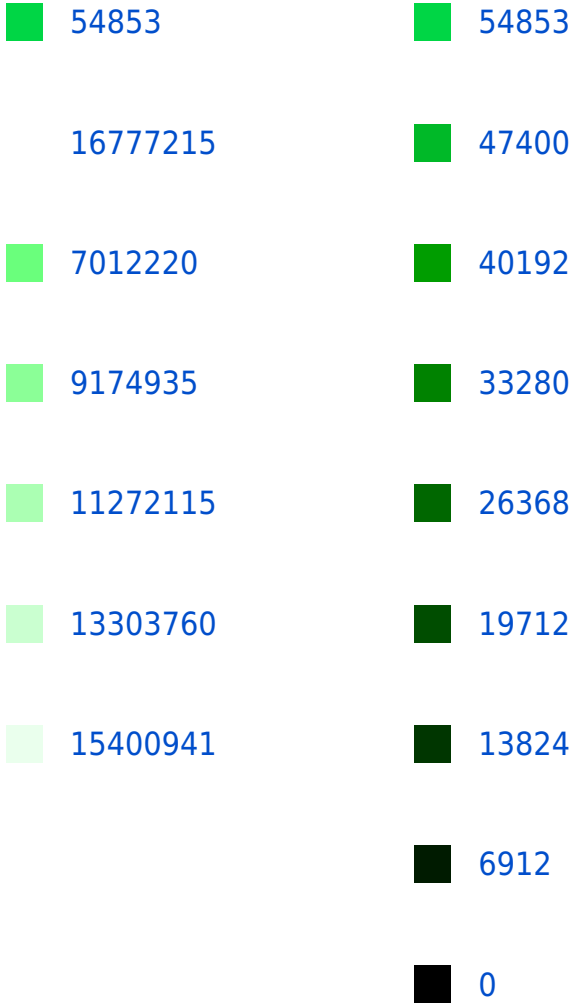
- Cyan (100%)
- Magenta (16%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 54853 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 54853 by changing the saturation by 10% instead.





 54853

 1431124

 2872930

 4249201

 5691007

 7067278

 8443548

 9885355

 11261625

 12703432

# Harmonies

## Analogous

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



10798848



54853



56734

# Triad

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



54853



51967



16736128

# Complementary

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



54853



14024849

# Split Complementary

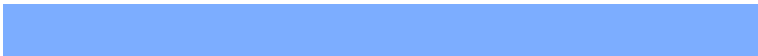
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16735189



54853



8171007

# Square

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



54853



56063



16745471



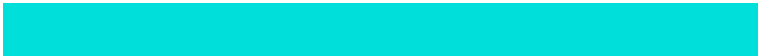
16746287

# Rectangle

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



54853



57305



16745471



16734108

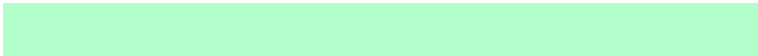


# Sweetspot

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



54853



11796427



9623040



5406816



0



8421504



# Same Dimension

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



54853



65362



54959



6318948



43831



11022



# Inverse Universe

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



14024849



16711853



14024743



7037032



11206772

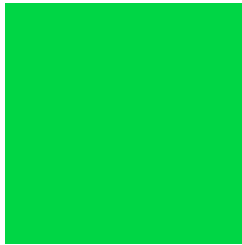


2818077



# Previews

## White Background



This preview shows how the Decimal color 54853 looks on a white background.

## Color Contrast Check

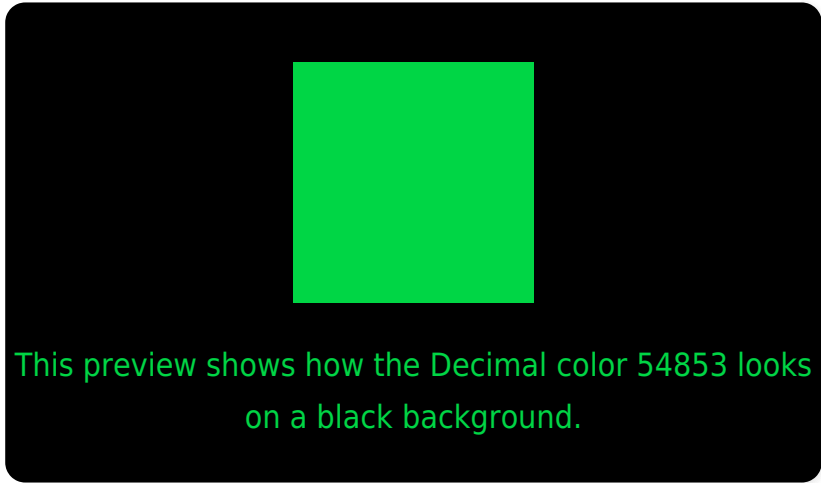
Large Text (above 18pt) WCAG AA × Fail

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 54853 Background



This preview shows how black text looks on a background with the Decimal color 54853.

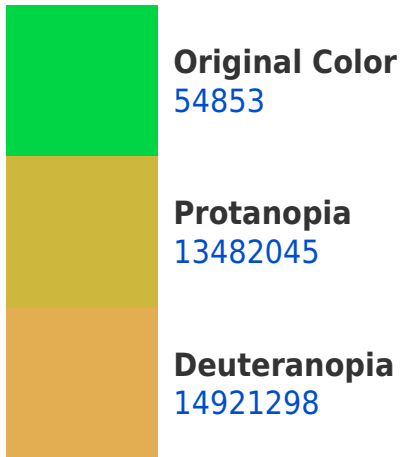


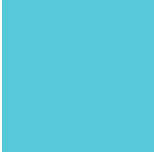
This preview shows how white text looks on a background with the Decimal color 54853.

# 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](#).

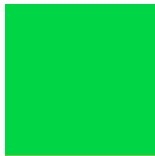
## Dichromacy





**Tritanopia**  
5753048

# Trichromacy



**Original Color**

54853



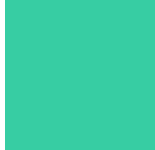
**Protanomaly**

8569664



**Deuteranomaly**

9485645



**Tritanomaly**

3657123

# Monochromacy



**Original Color**

54853



**Achromatopsia**

8750469



**Achromatomaly**

5612142

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 54853 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 #00D645 looks like.

```
.text, #text, p{  
    color:#00D645  
}
```

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 #00D645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D645  
}
```

## Border

The CSS property to change the border of an element to Decimal 54853 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  
#00D645 }
```

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

```
.border{ border-color:#00D645 }
```

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

Here you see how a box with a 4 pixel #00D645 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D645; -webkit-box-shadow:4px 4px  
4px 4px #00D645; box-shadow:4px 4px 4px  
4px #00D645 }
```

# Background

The CSS property to change the background color of an element to Decimal 54853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D645 }
```

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

```
.background{ background-color:#00D645 }
```

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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