

# Converting Colors

Decimal(54637)

Have a look what the booklet for  
Decimal(54637) contains.

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# **Color**

**Decimal(54637)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D56D
RGB	0, 213, 109
RGB Percent	0%, 84%, 43%
CMY	1.0000, 0.1647, 0.5725
CMYK	1.00, 0.00, 0.49, 0.16
HSL	151°, 100%, 42%
HSV	151°, 100%, 84%
XYZ	26.5546, 48.6926, 22.4670
YIQ	137.4570, -93.5640, -77.5000

# Conversions

## Conversions Part 2

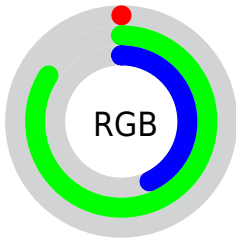
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 141, 213
Decimal	54637
CIELab	75.26, -66.49, 39.16
CIELCh	75, 77.169, 149.505
Yxy	48.6926, 0.2718, 0.4983
Android (android.graphics.Color)	4278244717 (0xFF00D56D)
YUV	137.4570, -14.0293, -120.5498
Hunter-Lab	69.7801, -54.1876, 29.7565

# Details

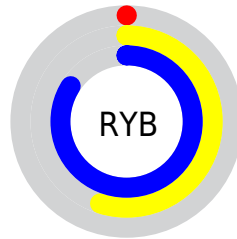
The Decimal color **54637** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **13959272**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **6881186**, and **40250** is the 20% darker color. If you saturate the color by 10%, you get **54637**, and if you desaturate by 10%, it is **1430903**.

# Distribution



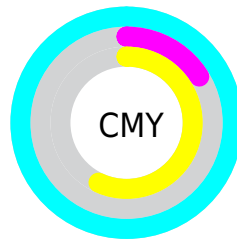
- Red (0%)
- Green (84%)
- Blue (43%)



- Red (0%)
- Yellow (55%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (16%)



















- Cyan (100%)
- Magenta (16%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 54637 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 54637 by changing the saturation by 10% instead.



 54637	 54637
 16777215	 47443
 6881186	 40250
 9043902	 33057
 11141082	 26372
 13172727	 19712
 15204351	 13824
	 6912
	 0

 54637

 1430903

 2872706


 4248972

 5625239

 7067041

 8443307

 9819574

 11195840

 12637643

# Harmonies

## Analogous

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



9947436



54637



55990

# Triad

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



54637



49919



16743800

# Complementary

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



54637



13959272

# 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.



16741054



54637



11905023

# Square

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



54637



54271



16746239



16751162

# Rectangle

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



54637



56295



16746239



16742030

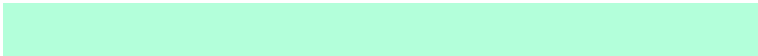


# Sweetspot

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



54637



11796442



7066880



5406825



0



8421504



# Same Dimension

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



54637



65410



54741



6318950



43863



11030



# Inverse Universe

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



13959272



16711805



13959168



7037030



11206739

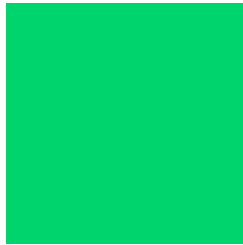


2818069



# Previews

## White Background



This preview shows how the Decimal color 54637 looks on a white background.

## Color Contrast Check

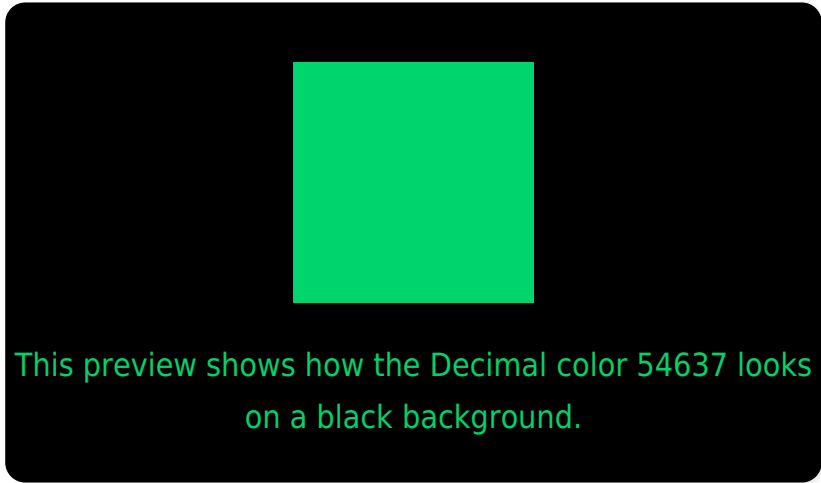
Large Text (above 18pt) WCAG AA × Fail

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 54637 Background



This preview shows how black text looks on a background with the Decimal color 54637.

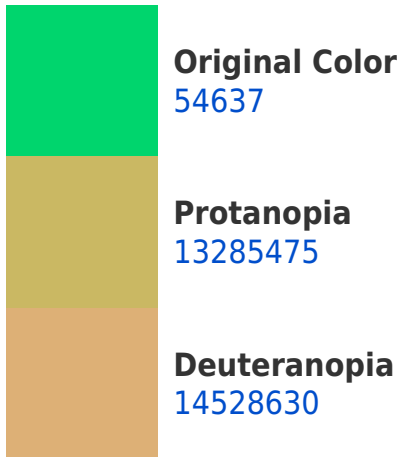


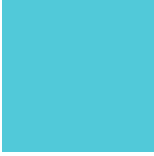
This preview shows how white text looks on a background with the Decimal color 54637.

# 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**  
5360089

# Trichromacy



**Original Color**

54637



**Protanomaly**

8504167



**Deuteranomaly**

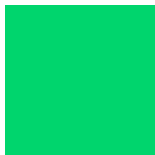
9289075



**Tritanomaly**

3460530

# Monochromacy



**Original Color**

54637



**Achromatopsia**

9013641



**Achromatomaly**

5743999

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 54637 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 #00D56D looks like.

```
.text, #text, p{  
    color:#00D56D  
}
```

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 #00D56D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D56D
}
```

## Border

The CSS property to change the border of an element to Decimal 54637 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
#00D56D }
```

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

```
.border{ border-color:#00D56D }
```

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

Here you see how a box with a 4 pixel #00D56D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D56D; -webkit-box-shadow:4px 4px  
4px 4px #00D56D; box-shadow:4px 4px 4px  
4px #00D56D }
```

# Background

The CSS property to change the background color of an element to Decimal 54637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D56D }
```

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

```
.background{ background-color:#00D56D }
```

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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