

# Converting Colors

Decimal(56660)

Have a look what the booklet for  
Decimal(56660) contains.

<b>Decimal(56660)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(56660)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DD54
RGB	0, 221, 84
RGB Percent	0%, 87%, 33%
CMY	1.0000, 0.1333, 0.6706
CMYK	1.00, 0.00, 0.62, 0.13
HSL	143°, 100%, 43%
HSV	143°, 100%, 87%
XYZ	27.4567, 52.3530, 17.0455
YIQ	139.3030, -87.7390, -89.4590

# Conversions

## Conversions Part 2

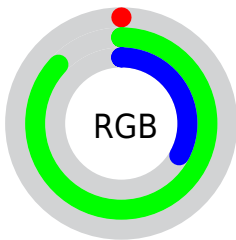
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 160, 221
Decimal	56660
CIELab	77.49, -72.45, 53.40
CIELCh	77, 90.007, 143.608
Yxy	52.3530, 0.2835, 0.5405
Android (android.graphics.Color)	4278246740 (0xFF00DD54)
YUV	139.3030, -27.2644, -122.1687
Hunter-Lab	72.3554, -58.8865, 36.6812

# Details

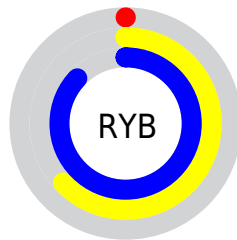
The Decimal color **56660** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **14483593**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **7077770**, and **42011** is the 20% darker color. If you saturate the color by 10%, you get **56660**, and if you desaturate by 10%, it is **1498466**.

# Distribution



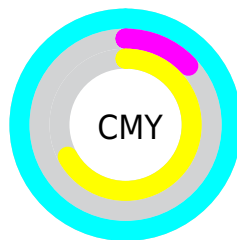
- Red (0%)
- Green (87%)
- Blue (33%)



- Red (0%)
- Yellow (63%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (13%)



















- Cyan (100%)
- Magenta (13%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 56660 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 56660 by changing the saturation by 10% instead.



 56660	 56660
 16777215	 49209
 7077770	 42011
 9306022	 35072
 11403202	 28160
 13434846	 21504
 15532028	 15104
	 8448
	 0

 56660

 1498466

 2940271

 4382077

 5823883

 7331225

 8773030

 10214836

 11656642

 13098447

# Harmonies

## Analogous

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



10931968



56660



58538

# Triad

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



56660



53247



16739458

# Complementary

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



56660



14483593

# 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.



16737749



56660



9810431

# Square

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



56660



57343



16746751



16749108

# Rectangle

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



56660



58852



16746751



16737437

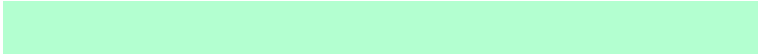


# Sweetspot

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



56660



11796432



9231616



5406819



0



8421504



# Same Dimension

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



56660



65377



56768



6516327



44354



11793



# Inverse Universe

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



14483593



16711838



14483485



7234409



11337835

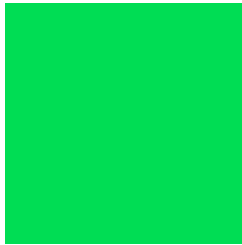


3014684



# Previews

## White Background



This preview shows how the Decimal color 56660 looks on a white background.

## Color Contrast Check

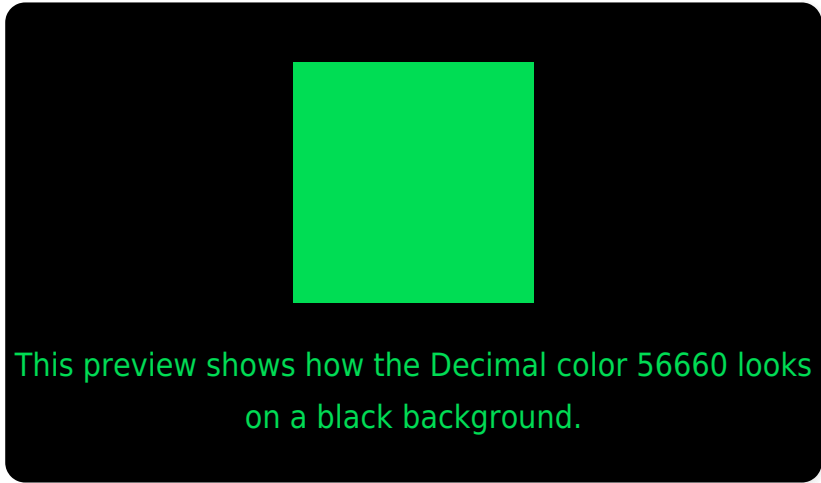
Large Text (above 18pt) WCAG AA × Fail

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

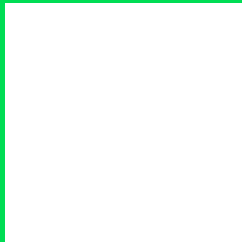
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 56660 Background



This preview shows how black text looks on a background with the Decimal color 56660.

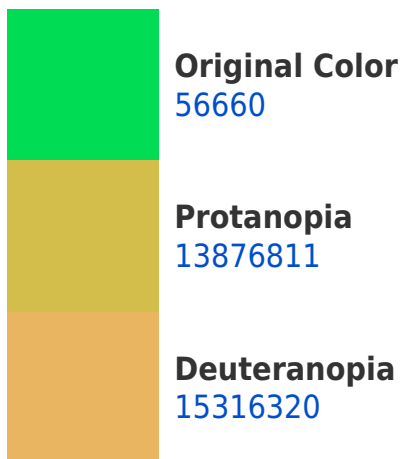


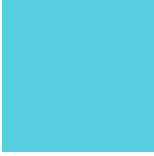
This preview shows how white text looks on a background with the Decimal color 56660.

# 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](#).

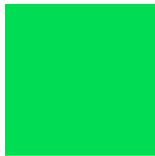
## Dichromacy





**Tritanopia**  
5820384

# Trichromacy



**Original Color**

56660



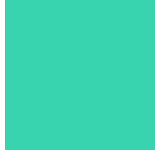
**Protanomaly**

8833358



**Deuteranomaly**

9749596



**Tritanomaly**

3724461

# Monochromacy



**Original Color**

56660



**Achromatopsia**

9145227



**Achromatomaly**

5810551

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 56660 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 #00DD54 looks like.

```
.text, #text, p{  
    color:#00DD54  
}
```

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 #00DD54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DD54
}
```

## Border

The CSS property to change the border of an element to Decimal 56660 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
#00DD54 }
```

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

```
.border{ border-color:#00DD54 }
```

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

Here you see how a box with a 4 pixel #00DD54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DD54; -webkit-box-shadow:4px 4px  
4px 4px #00DD54; box-shadow:4px 4px 4px  
4px #00DD54 }
```

# Background

The CSS property to change the background color of an element to Decimal 56660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DD54 }
```

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

```
.background{ background-color:#00DD54 }
```

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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