

# Converting Colors

Decimal(50743)

Have a look what the booklet for  
Decimal(50743) contains.

<b>Decimal(50743)</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(50743)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C637
RGB	0, 198, 55
RGB Percent	0%, 78%, 22%
CMY	1.0000, 0.2235, 0.7843
CMYK	1.00, 0.00, 0.72, 0.22
HSL	137°, 100%, 39%
HSV	137°, 100%, 78%
XYZ	20.8837, 40.6640, 10.3627
YIQ	122.4960, -72.1050, -86.4490

# Conversions

## Conversions Part 2

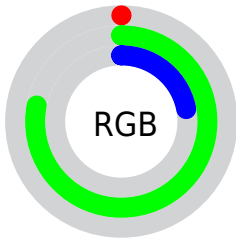
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 155, 198
Decimal	50743
CIELab	69.94, -68.72, 56.86
CIELCh	70, 89.192, 140.395
Yxy	40.6640, 0.2904, 0.5655
Android (android.graphics.Color)	4278240823 (0xFF00C637)
YUV	122.4960, -33.2755, -107.4290
Hunter-Lab	63.7683, -53.1371, 35.0029

# Details

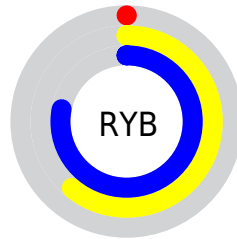
The Decimal color **50743** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **12976271**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **6750062**, and **36352** is the 20% darker color. If you saturate the color by 10%, you get **50743**, and if you desaturate by 10%, it is **1361477**.

# Distribution



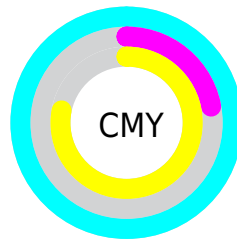
- Red (0%)
- Green (78%)
- Blue (22%)



- Red (0%)
- Yellow (61%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (72%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 50743 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 50743 by changing the saturation by 10% instead.



 50743	 50743
16777215	 43543
 6750062	 36352
 8847241	 29440
 10944421	 22784
 12976065	 16384
 15007710	 10240
 16777211	 0

 50743

 1361477

 2672212

 3917410


 5228144

 6538879

 7849613

 9160347

 10405545

 11716280

# Harmonies

## Analogous

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



10073856



50743



52621

# Triad

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



50743



48639



16732536

# Complementary

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



50743



12976271

# 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.



16732105



50743



6529535

# Square

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



50743



51967



15825151



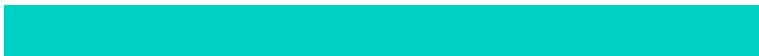
16742697

# Rectangle

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



50743



53190



15825151



16730514

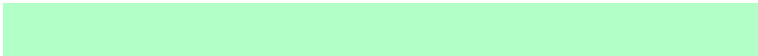


# Sweetspot

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



50743



11796424



9553408



5406814



0



8421504



# Same Dimension

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



50743



65351



50840



5923676



41773



9226



# Inverse Universe

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



12976271



16711864



12976174



6511201



10682486

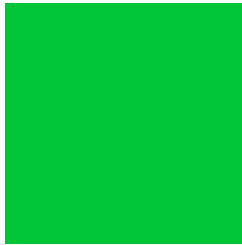


2359322



# Previews

## White Background



This preview shows how the Decimal color 50743 looks on a white background.

## Color Contrast Check

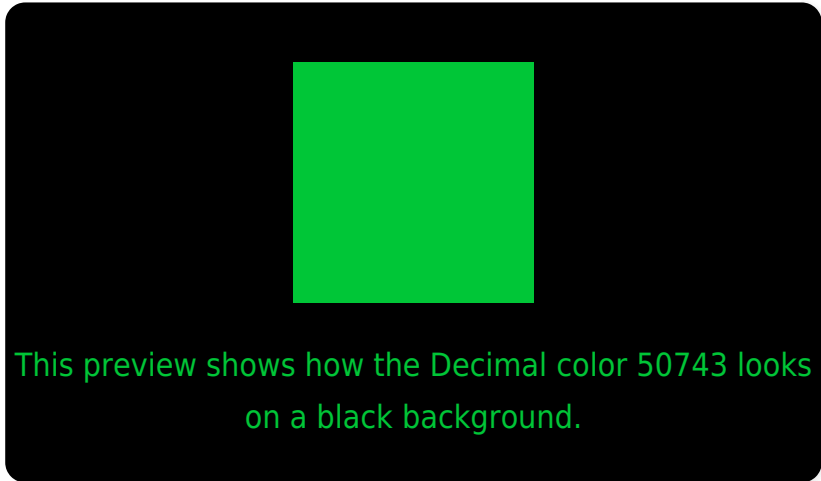
Large Text (above 18pt) WCAG AA × Fail

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 50743 Background



This preview shows how black text looks on a background with the Decimal color 50743.

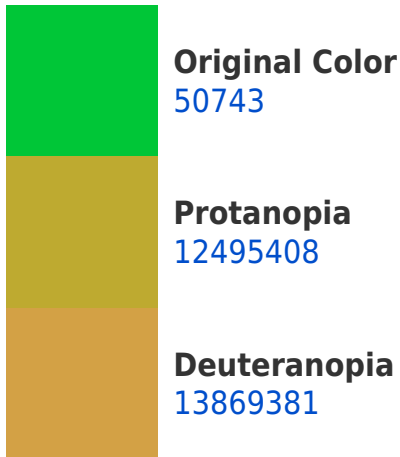


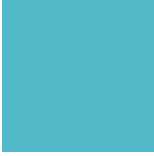
This preview shows how white text looks on a background with the Decimal color 50743.

# 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**  
5355976

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 50743 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 #00C637 looks like.

```
.text, #text, p{  
    color:#00C637  
}
```

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 #00C637 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C637
}
```

## Border

The CSS property to change the border of an element to Decimal 50743 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
#00C637 }
```

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

```
.border{ border-color:#00C637 }
```

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

Here you see how a box with a 4 pixel #00C637 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C637; -webkit-box-shadow:4px 4px  
4px 4px #00C637; box-shadow:4px 4px 4px  
4px #00C637 }
```

# Background

The CSS property to change the background color of an element to Decimal 50743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C637 }
```

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

```
.background{ background-color:#00C637 }
```

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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