

# Converting Colors

Decimal(50807)

Have a look what the booklet for  
Decimal(50807) contains.

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# **Color**

**Decimal(50807)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C677
RGB	0, 198, 119
RGB Percent	0%, 78%, 47%
CMY	1.0000, 0.2235, 0.5333
CMYK	1.00, 0.00, 0.40, 0.22
HSL	156°, 100%, 39%
HSV	156°, 100%, 78%
XYZ	23.5239, 41.7201, 24.2657
YIQ	129.7920, -92.6490, -66.5450

# Conversions

## Conversions Part 2

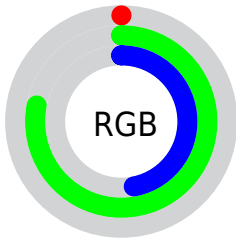
Format	Color
<a href="#">RYB</a>	<a href="#">0, 124, 198</a>
Decimal	<a href="#">50807</a>
CIELab	<a href="#">70.68, -59.68, 28.19</a>
CIELCh	<a href="#">71, 66.005, 154.720</a>
Yxy	<a href="#">41.7201, 0.2628, 0.4661</a>
Android (android.graphics.Color)	<a href="#">4278240887 (0xFF00C677)</a>
YUV	<a href="#">129.7920, -5.3205, -113.8276</a>
Hunter-Lab	<a href="#">64.5911, -48.0253, 22.9396</a>

# Details

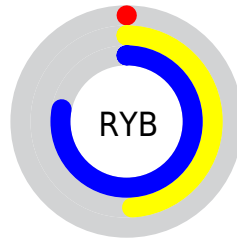
The Decimal color **50807** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **12976207**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **6619052**, and **36677** is the 20% darker color. If you saturate the color by 10%, you get **50807**, and if you desaturate by 10%, it is **1361535**.

# Distribution



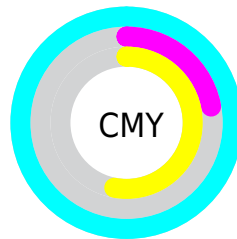
- Red (0%)
- Green (78%)
- Blue (47%)



- Red (0%)
- Yellow (49%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 50807 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 50807 by changing the saturation by 10% instead.



 50807	 50807
 16777215	 43614
 6619052	 36677
 8716231	 29742
 10747876	 23063
 12779519	 16640
 14745599	 10752
	 1280
	 0

 50807

 1361535

 2672263

 3917455


 5228183

 6538911

 7849638

 9160366

 10405558

 11716286

# Harmonies

## Analogous

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



8764738



50807



51893

# Triad

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



50807



2863615



16744300

# Complementary

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



50807



12976207

# 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.



16741542



50807



12294655

# Square

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



50807



49663



16613601



16029501

# Rectangle

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



50807



51677



16613601



16742782

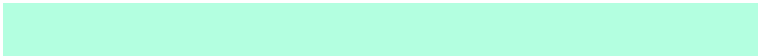


# Sweetspot

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



50807



11796448



5228032



5406829



0



8421504



# Same Dimension

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



50807



65433



45766



5923679



41826



9237



# Inverse Universe

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



12976207



16711782



12981248



6511197



10682433

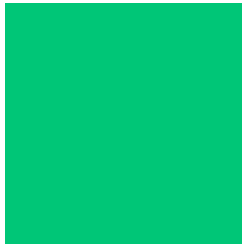


2359310



# Previews

## White Background



This preview shows how the Decimal color 50807 looks on a white background.

## Color Contrast Check

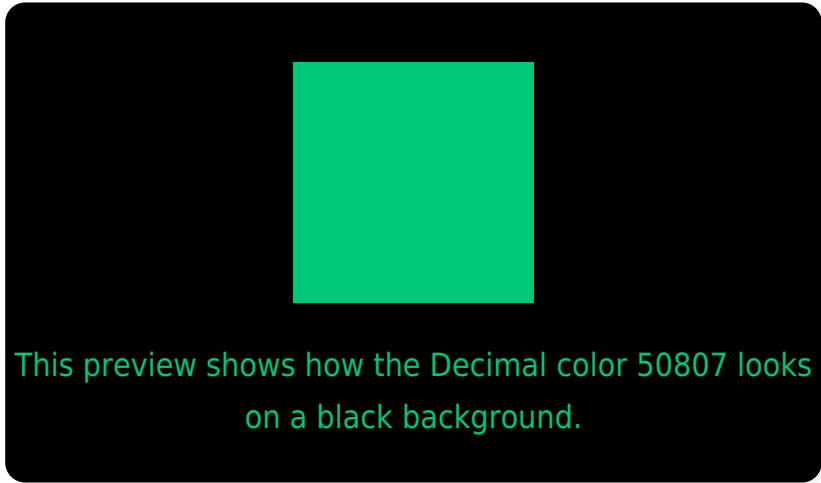
Large Text (above 18pt) WCAG AA × Fail

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

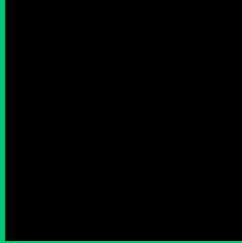
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 50807 Background



This preview shows how black text looks on a background with the Decimal color 50807.



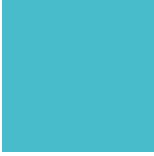
This preview shows how white text looks on a background with the Decimal color 50807.

# 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**  
4766923

# Trichromacy



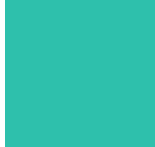
**Original Color**  
50807



**Protanomaly**  
7845232



**Deuteranomaly**  
8499324



**Tritanomaly**  
3063980

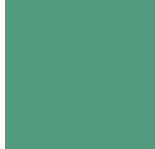
# Monochromacy



**Original Color**  
50807



**Achromatopsia**  
8553090



**Achromatomaly**  
5479294

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 50807 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 #00C677 looks like.

```
.text, #text, p{  
    color:#00C677  
}
```

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 #00C677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C677  
}
```

## Border

The CSS property to change the border of an element to Decimal 50807 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  
#00C677 }
```

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

```
.border{ border-color:#00C677 }
```

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

Here you see how a box with a 4 pixel #00C677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C677; -webkit-box-shadow:4px 4px  
4px 4px #00C677; box-shadow:4px 4px 4px  
4px #00C677 }
```

# Background

The CSS property to change the background color of an element to Decimal 50807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C677 }
```

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

```
.background{ background-color:#00C677 }
```

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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