

# Converting Colors

Decimal(50977)

Have a look what the booklet for  
Decimal(50977) contains.

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# **Color**

**Decimal(50977)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C721
RGB	0, 199, 33
RGB Percent	0%, 78%, 13%
CMY	1.0000, 0.2196, 0.8706
CMYK	1.00, 0.00, 0.83, 0.22
HSL	130°, 100%, 39%
HSV	130°, 100%, 78%
XYZ	20.6979, 40.9567, 8.2534
YIQ	120.5750, -65.3180, -93.8140

# Conversions

## Conversions Part 2

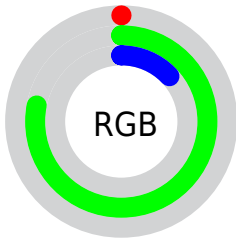
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 171, 199
Decimal	50977
CIELab	70.15, -70.50, 63.88
CIELCh	70, 95.141, 137.819
Yxy	40.9567, 0.2961, 0.5859
Android (android.graphics.Color)	4278241057 (0xFF00C721)
YUV	120.5750, -43.1745, -105.7443
Hunter-Lab	63.9974, -54.2652, 37.1519

# Details

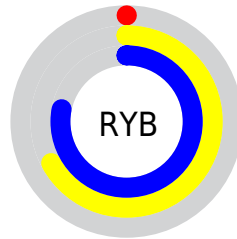
The Decimal color **50977** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **13041830**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **6815582**, and **36608** is the 20% darker color. If you saturate the color by 10%, you get **50977**, and if you desaturate by 10%, it is **1361714**.

# Distribution



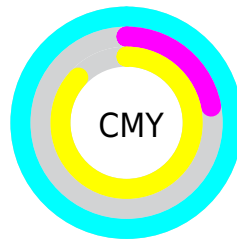
- Red (0%)
- Green (78%)
- Blue (13%)



- Red (0%)
- Yellow (67%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (83%)
- Black (22%)




















- Cyan (100%)
- Magenta (22%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 50977 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 50977 by changing the saturation by 10% instead.



 50977	 50977
 16777215	 43776
 6815582	 36608
 8978298	 29696
 11009942	 23040
 13107122	 16640
 15138767	 10240
 16777196	 256
	 0

 50977

 1361714

 2672450


 3983187

 5293923

 6604660

 7849861

 9160597

 10471334

 11782070

# Harmonies

## Analogous

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



10467072



50977



53124

# Triad

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



50977



49407



16728188

# Complementary

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



50977



13041830

# 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.



16729299



50977



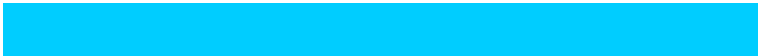
2925823

# Square

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



50977



52735



15563007



16740646

# Rectangle

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



50977



53697



15563007



16725913

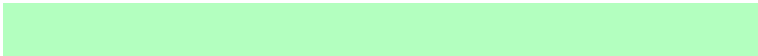


# Sweetspot

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



50977



11796415



11126528



5406809



0



8421504



# Same Dimension

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



50977



65322



51073



5923675



41755



9222



# Inverse Universe

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



13041830



16711893



13041734



6511202



10682504

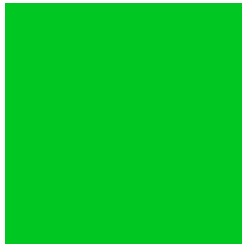


2359326



# Previews

## White Background



This preview shows how the Decimal color 50977 looks on a white background.

## Color Contrast Check

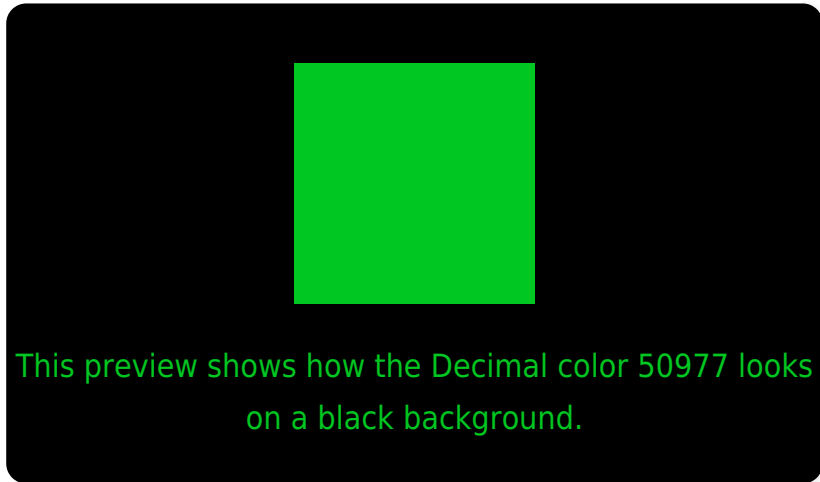
Large Text (above 18pt) WCAG AA × Fail

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 50977 Background



This preview shows how black text looks on a background with the Decimal color 50977.

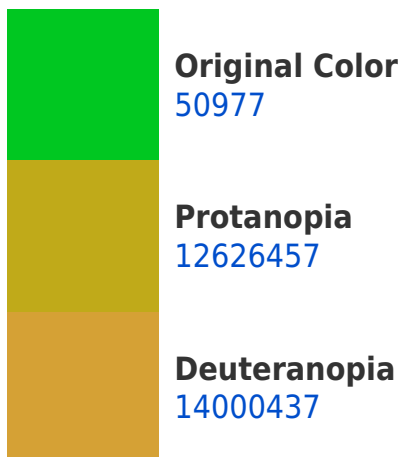


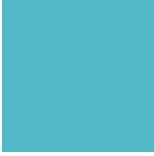
This preview shows how white text looks on a background with the Decimal color 50977.

# 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**  
5487048

# Trichromacy



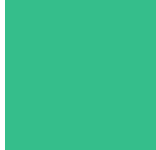
**Original Color**  
50977



**Protanomaly**  
8041756

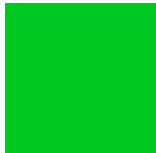


**Deuteranomaly**  
8957742



**Tritanomaly**  
3522187

# Monochromacy



**Original Color**  
50977



**Achromatopsia**  
7960953



**Achromatomaly**  
5084505

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 50977 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 #00C721 looks like.

```
.text, #text, p{  
    color:#00C721  
}
```

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 #00C721 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C721
}
```

## Border

The CSS property to change the border of an element to Decimal 50977 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
#00C721 }
```

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

```
.border{ border-color:#00C721 }
```

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

Here you see how a box with a 4 pixel #00C721 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C721; -webkit-box-shadow:4px 4px  
4px 4px #00C721; box-shadow:4px 4px 4px  
4px #00C721 }
```

# Background

The CSS property to change the background color of an element to Decimal 50977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C721 }
```

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

```
.background{ background-color:#00C721 }
```

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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