

# Converting Colors

Decimal(175663)

Have a look what the booklet for  
Decimal(175663) contains.

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**Color**

**Decimal(175663)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02AE2F
RGB	2, 174, 47
RGB Percent	1%, 68%, 18%
CMY	0.9922, 0.3176, 0.8157
CMYK	0.99, 0.00, 0.73, 0.32
HSL	136°, 98%, 35%
HSV	136°, 99%, 68%
XYZ	15.6742, 30.4902, 7.7484
YIQ	108.0940, -61.7450, -75.9610

# Conversions

## Conversions Part 2

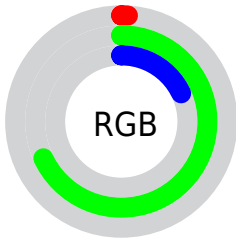
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">2, 138, 174</a>
Decimal	<a href="#">175663</a>
CIELab	<a href="#">62.07, -62.34, 51.73</a>
CIELCh	<a href="#">62, 81.009, 140.312</a>
Yxy	<a href="#">30.4902, 0.2907, 0.5655</a>
Android (android.graphics.Color)	<a href="#">4278365743</a> ( <a href="#">0xFF02AE2F</a> )
YUV	<a href="#">108.0940, -30.1193, -93.0444</a>
Hunter-Lab	<a href="#">55.2180, -45.9624, 30.3328</a>

# Details

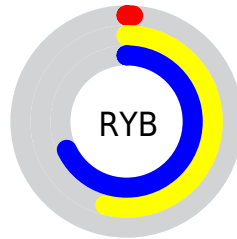
The Decimal color **175663** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **11403905**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **6285157**, and **30720** is the 20% darker color. If you saturate the color by 10%, you get **44590**, and if you desaturate by 10%, it is **1289788**.

# Distribution



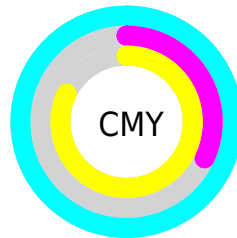
- Red (1%)
- Green (68%)
- Blue (18%)



- Red (1%)
- Yellow (54%)
- Blue (68%)



- Cyan (99%)
- Magenta (0%)
- Yellow (73%)
- Black (32%)



- Cyan (99%)
- Magenta (32%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 175663 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 175663 by changing the saturation by 10% instead.



 175663  175663

16777215  37647

 6285157  30720

 8322943  24064


 10354587  17408

 12320694  11520

 14286803  3584

 16318448  0

 175663  175663

 44590  1289788

■ 2469449

■ 3583574

■ 4763234

■ 5877359

■ 6991484

■ 8171145

■ 9285270

■ 10464931

# Harmonies

## Analogous

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



8888576



175663



46203

# Triad

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



175663



42751



16729705

# Complementary

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



175663



11403905

# 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.



16729265



175663



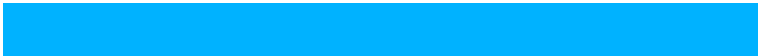
5672447

# Square

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



175663



45823



13920755



16345635

# Rectangle

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



175663



46766



13920755



16727936



# Sweetspot

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



175663



10478513



8629762



4813652



15921906



7566195



# Same Dimension

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



175663



58171



175747



5134160



38439



5894



# Inverse Universe

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



11403905



14876840



11403821



5721684



9830511

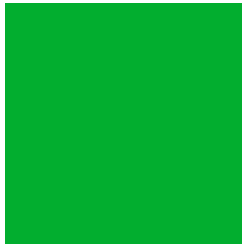


1507345



# Previews

## White Background



This preview shows how the Decimal color 175663 looks on a white background.

## Color Contrast Check

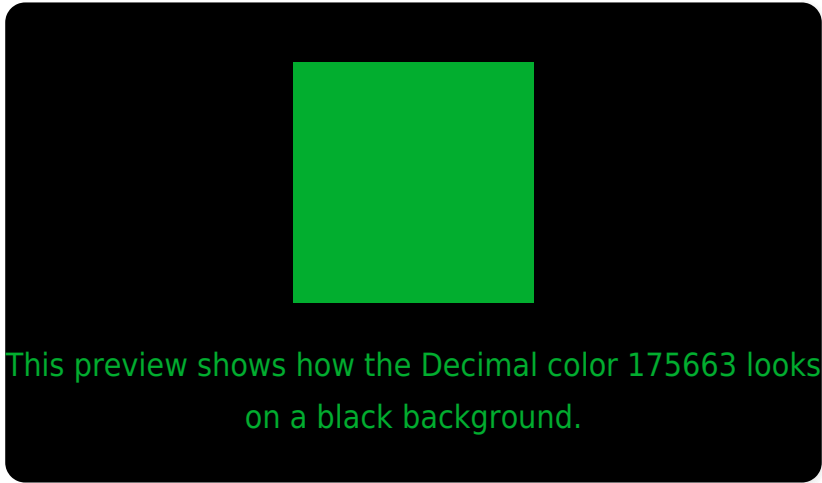
Large Text (above 18pt) WCAG AA × Fail

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 175663 Background



This preview shows how black text looks on a background with the Decimal color 175663.

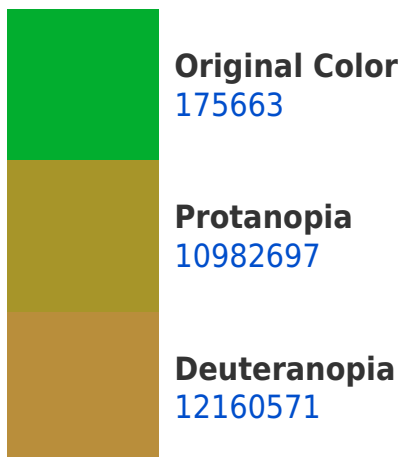


This preview shows how white text looks on a background with the Decimal color 175663.

# 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**  
4694703

# Trichromacy



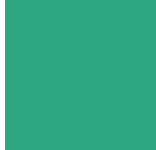
**Original Color**  
175663



**Protanomaly**  
7052843



**Deuteranomaly**  
7772727



**Tritanomaly**  
3057280

# Monochromacy



**Original Color**  
175663



**Achromatopsia**  
7105644



**Achromatomaly**  
4555862

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 175663 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 #02AE2F looks like.

```
.text, #text, p{  
    color:#02AE2F  
}
```

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 #02AE2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02AE2F
}
```

## Border

The CSS property to change the border of an element to Decimal 175663 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
#02AE2F }
```

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

```
.border{ border-color:#02AE2F }
```

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

Here you see how a box with a 4 pixel #02AE2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02AE2F; -webkit-box-shadow:4px 4px  
4px 4px #02AE2F; box-shadow:4px 4px 4px  
4px #02AE2F }
```

# Background

The CSS property to change the background color of an element to Decimal 175663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02AE2F }
```

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

```
.background{ background-color:#02AE2F }
```

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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