

# Converting Colors

Decimal(176384)

Have a look what the booklet for  
Decimal(176384) contains.

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# **Color**

**Decimal(176384)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02B100
RGB	2, 177, 0
RGB Percent	1%, 69%, 0%
CMY	0.9922, 0.3059, 1.0000
CMYK	0.99, 0.00, 1.00, 0.31
HSL	119°, 100%, 35%
HSV	119°, 100%, 69%
XYZ	15.7472, 31.4572, 5.2419
YIQ	104.4970, -47.4830, -92.1470

# Conversions

## Conversions Part 2

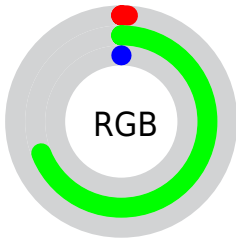
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 177, 175
Decimal	176384
CIELab	62.89, -65.44, 63.26
CIELCh	63, 91.017, 135.967
Yxy	31.4572, 0.3003, 0.5998
Android (android.graphics.Color)	4278366464 (0xFF02B100)
YUV	104.4970, -51.5170, -89.8899
Hunter-Lab	56.0867, -48.0352, 33.7194

# Details

The Decimal color **176384** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **11468977**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **6482507**, and **31488** is the 20% darker color. If you saturate the color by 10%, you get **176384**, and if you desaturate by 10%, it is **1290514**.

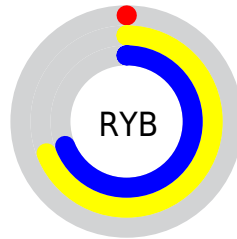
# Distribution



Red (1%)

Green (69%)

Blue (0%)



Red (0%)

Yellow (69%)

Blue (69%)

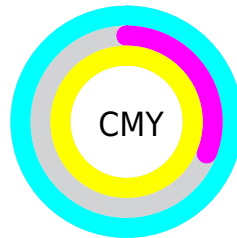


Cyan (99%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (99%)

Magenta (31%)


















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 176384 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 176384 by changing the saturation by 10% instead.



 176384	 176384
16777215	 38144
 6482507	 31488
 8585063	 24576
 10551171	 18176
 12582815	 12032
 14548924	 4608
 16580569	 0
 16777206	
 176384	

 1290514

 2470179

 3649845

 4763975

 5943641

 7057770

 8171900

 9351566

 10531231

# Harmonies

## Analogous

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



9478656



176384



47214

# Triad

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



176384



44543



16722289

# Complementary

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



176384



11468977

# 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.



16724930



176384



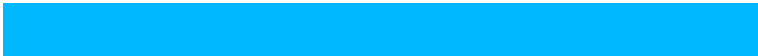
38143

# Square

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



176384



47359



13593343



16735520

# Rectangle

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



176384



47783



13593343



16719756



# Sweetspot

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



176384



10610337



11644416



4879177



15921906



7566195



# Same Dimension

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



176384



255488



45398



5265744



170240



6656



# Inverse Universe

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



11468977



14876902



11599963



5853273



9896089

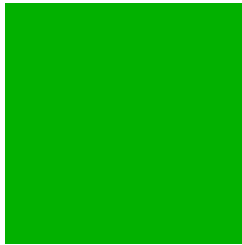


1638426



# Previews

## White Background



This preview shows how the Decimal color 176384 looks on a white background.

## Color Contrast Check

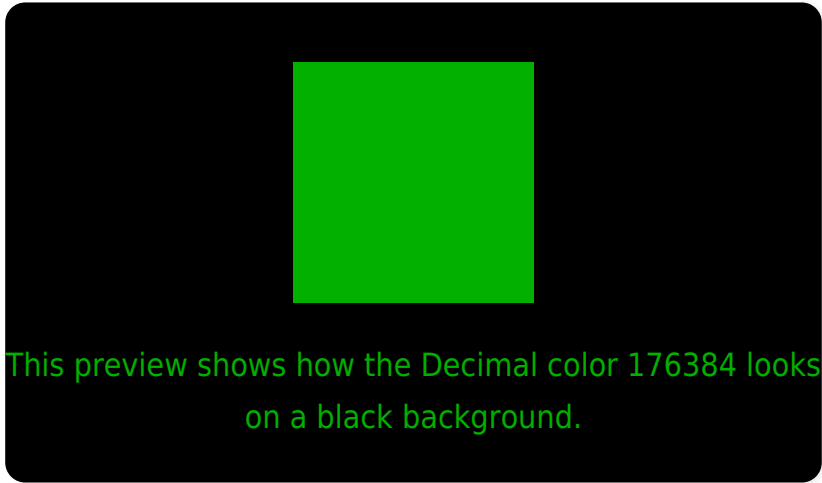
Large Text (above 18pt) WCAG AA × Fail

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

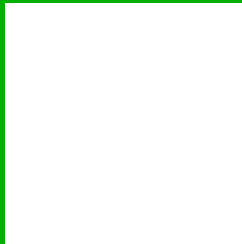
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 176384 Background



This preview shows how black text looks on a background with the Decimal color 176384.



This preview shows how white text looks on a background with the Decimal color 176384.

# 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](#).

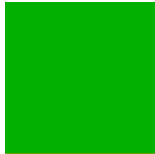
## Dichromacy





**Tritanopia**  
4892082

# Trichromacy



**Original Color**

176384



**Protanomaly**

7250176



**Deuteranomaly**

8035096



**Tritanomaly**

3189105

# Monochromacy



**Original Color**

176384



**Achromatopsia**

6842472



**Achromatomaly**

4424514

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 176384 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 #02B100 looks like.

```
.text, #text, p{  
    color:#02B100  
}
```

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 #02B100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02B100
}
```

## Border

The CSS property to change the border of an element to Decimal 176384 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".

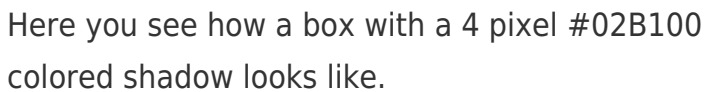
```
.border, #border, table{ border:4px solid
#02B100 }
```

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

```
.border{ border-color:#02B100 }
```

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

Here you see how a box with a 4 pixel #02B100 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02B100; -webkit-box-shadow:4px 4px  
4px 4px #02B100; box-shadow:4px 4px 4px  
4px #02B100 }
```

# Background

The CSS property to change the background color of an element to Decimal 176384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02B100 }
```

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

```
.background{ background-color:#02B100 }
```

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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