

# Converting Colors

Decimal(188160)

Have a look what the booklet for  
Decimal(188160) contains.

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# **Color**

**Decimal(188160)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02DF00
RGB	2, 223, 0
RGB Percent	1%, 87%, 0%
CMY	0.9922, 0.1255, 1.0000
CMYK	0.99, 0.00, 1.00, 0.13
HSL	119°, 100%, 44%
HSV	119°, 100%, 87%
XYZ	26.4127, 52.7883, 8.7971
YIQ	131.4990, -60.1330, -116.2050

# Conversions

## Conversions Part 2

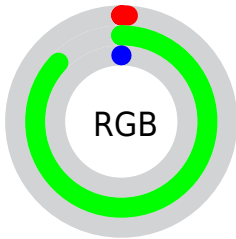
Format	Color
<a href="#">RYB</a>	<a href="#">0, 223, 221</a>
Decimal	<a href="#">188160</a>
CIELab	<a href="#">77.75, -77.81, 75.18</a>
CIELCh	<a href="#">78, 108.194, 135.987</a>
Yxy	<a href="#">52.7883, 0.3002, 0.5999</a>
Android (android.graphics.Color)	<a href="#">4278378240 (0xFF02DF00)</a>
YUV	<a href="#">131.4990, -64.8290, -113.5706</a>
Hunter-Lab	<a href="#">72.6555, -62.2565, 43.6801</a>

# Details

The Decimal color **188160** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **14483679**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **7339861**, and **42496** is the 20% darker color. If you saturate the color by 10%, you get **188160**, and if you desaturate by 10%, it is **1629974**.

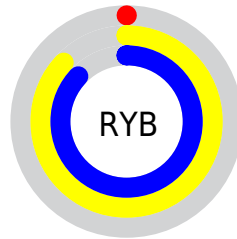
# Distribution



Red (1%)

Green (87%)

Blue (0%)



Red (0%)

Yellow (87%)

Blue (87%)

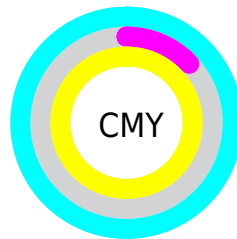


Cyan (99%)

Magenta (0%)

Yellow (100%)

Black (13%)



Cyan (99%)

Magenta (13%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 188160 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 188160 by changing the saturation by 10% instead.



 188160	 188160
 16777215	 49664
 7339861	 42496
 9568115	 35328
 11730832	 28416
 13828013	 21760
 15925195	 15616
 16777192	 8704
	 0

 188160

 1629974

 3071789

 4513603

 5955417

 7462768

 8904582

 10346396

 11788210

 13230025

# Harmonies

## Analogous

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



11979776



188160



59532

# Triad

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



188160



56063



16725648

# Complementary

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



188160



14483679

# 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.



16729076



188160



48127

# Square

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



188160



59647



16746495



16741931

# Rectangle

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



188160



60370



16746495



16722353

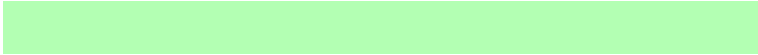


# Sweetspot

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



188160



11796403



14670592



5406802



0



8421504



# Same Dimension

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



188160



196352



57196



6647909



176128



12288



# Inverse Universe

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



14483679



16580863



14614643



7366000



11403440

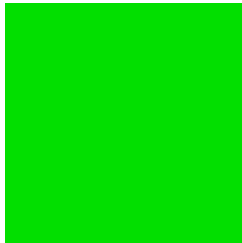


3145776



# Previews

## White Background



This preview shows how the Decimal color 188160 looks on a white background.

### Color Contrast Check

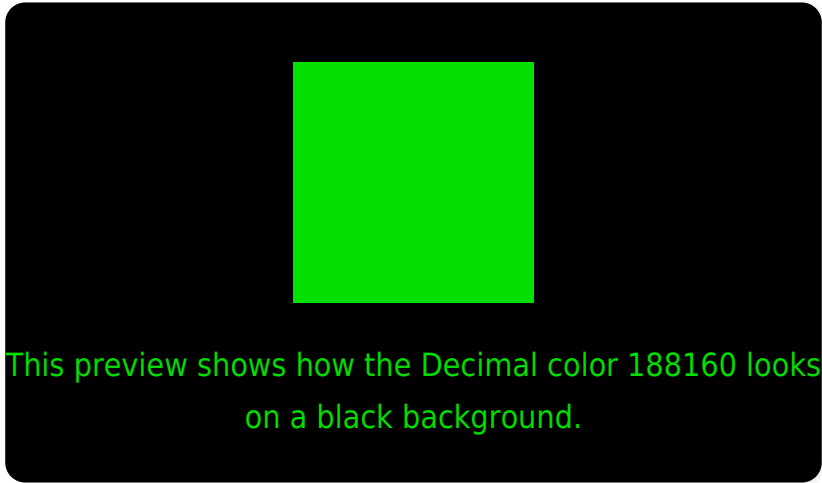
Large Text (above 18pt) WCAG AA × Fail

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

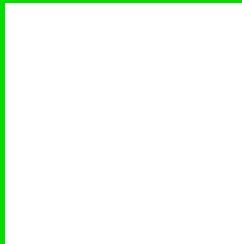
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 188160 Background



This preview shows how black text looks on a background with the Decimal color 188160.

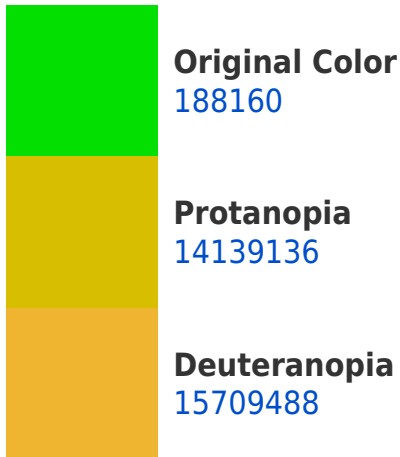


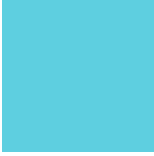
This preview shows how white text looks on a background with the Decimal color 188160.

# 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](#).

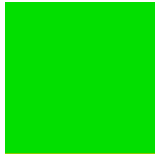
## Dichromacy





**Tritanopia**  
6213600

# Trichromacy



**Original Color**  
188160



**Protanomaly**  
9095936

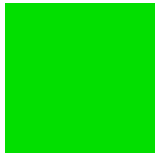


**Deuteranomaly**  
10077215



**Tritanomaly**  
4052367

# Monochromacy



**Original Color**  
188160



**Achromatopsia**  
8618883



**Achromatomaly**  
5547091

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 188160 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 #02DF00 looks like.

```
.text, #text, p{  
    color:#02DF00  
}
```

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 #02DF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02DF00
}
```

## Border

The CSS property to change the border of an element to Decimal 188160 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
#02DF00 }
```

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

```
.border{ border-color:#02DF00 }
```

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

Here you see how a box with a 4 pixel #02DF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02DF00; -webkit-box-shadow:4px 4px  
4px 4px #02DF00; box-shadow:4px 4px 4px  
4px #02DF00 }
```

# Background

The CSS property to change the background color of an element to Decimal 188160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02DF00 }
```

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

```
.background{ background-color:#02DF00 }
```

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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