

# Converting Colors

Decimal(56069)

Have a look what the booklet for  
Decimal(56069) contains.

<b>Decimal(56069)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(56069)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DB05
RGB	0, 219, 5
RGB Percent	0%, 86%, 2%
CMY	1.0000, 0.1412, 0.9804
CMYK	1.00, 0.00, 0.98, 0.14
HSL	121°, 100%, 43%
HSV	121°, 100%, 86%
XYZ	25.3589, 50.6740, 8.5881
YIQ	129.1230, -61.8300, -112.9820

# Conversions

## Conversions Part 2

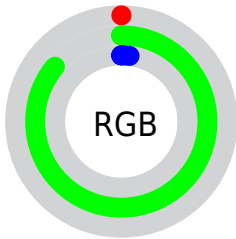
Format	Color
<b>RYB</b>	0, 214, 219
Decimal	56069
CIELab	76.48, -76.74, 73.68
CIELCh	76, 106.385, 136.166
Yxy	50.6740, 0.2997, 0.5988
Android (android.graphics.Color)	4278246149 (0xFF00DB05)
YUV	129.1230, -61.1926, -113.2409
Hunter-Lab	71.1857, -60.9868, 42.6770

# Details

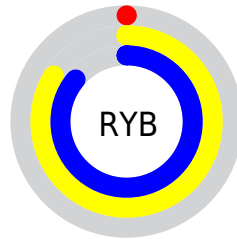
The Decimal color **56069** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **14352598**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **7274326**, and **41472** is the 20% darker color. If you saturate the color by 10%, you get **56069**, and if you desaturate by 10%, it is **1497882**.

# Distribution



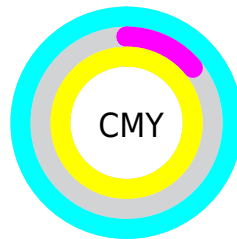
- Red (0%)
- Green (86%)
- Blue (2%)



- Red (0%)
- Yellow (84%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (98%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 56069 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 56069 by changing the saturation by 10% instead.



 56069	 56069
16777215	 48640
 7274326	 41472
 9502579	 34560
 11599760	 27648
 13696941	 20736
 15794123	 14592
 16777192	 7936
	 0

 56069

 1497882

 2939696


 4381509

 5823323

 7265136

 8641413

 10083227

 11525040

 12966854

# Harmonies

## Analogous

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



11716864



56069



58506

# Triad

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



56069



55039



16725901

# Complementary

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



56069



14352598

# 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.



16728815



56069



47103

# Square

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



56069



58623



16745727



16741673

# Rectangle

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



56069



59087



16745727



16722605

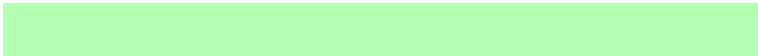


# Sweetspot

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



56069



11796404



14146304



5406803



0



8421504



# Same Dimension

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



56069



65286



56177



6516323



44292



11777



# Inverse Universe

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



14352598



16711929



14352490



7234413



11337897

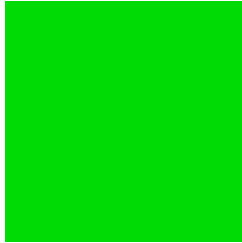


3014701



# Previews

## White Background



This preview shows how the Decimal color 56069 looks on a white background.

## Color Contrast Check

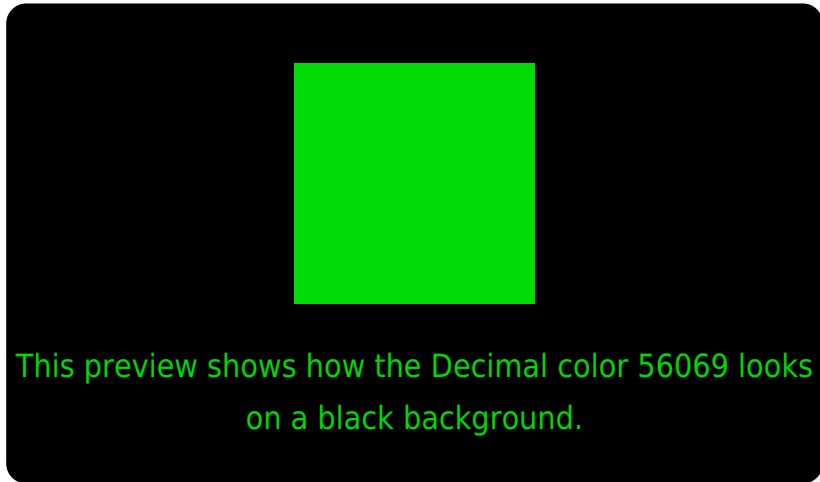
Large Text (above 18pt) WCAG AA × Fail

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

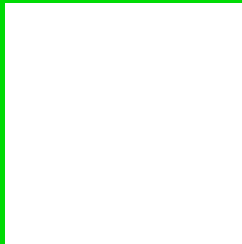
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 56069 Background



This preview shows how black text looks on a background with the Decimal color 56069.

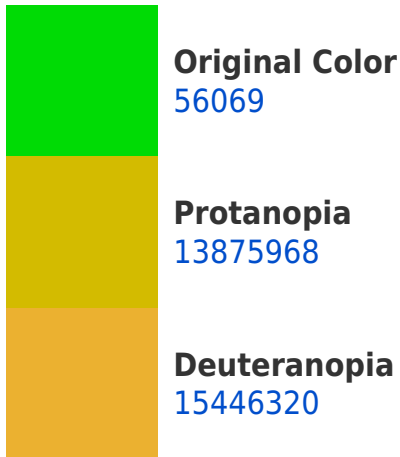


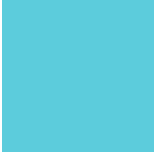
This preview shows how white text looks on a background with the Decimal color 56069.

# 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](#).

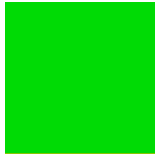
## Dichromacy





**Tritanopia**  
6081756

# Trichromacy



**Original Color**  
56069



**Protanomaly**  
8832770

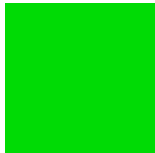


**Deuteranomaly**  
9879584



**Tritanomaly**  
3920270

# Monochromacy



**Original Color**  
56069



**Achromatopsia**  
8487297



**Achromatomaly**  
5415508

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 56069 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 #00DB05 looks like.

```
.text, #text, p{  
    color:#00DB05  
}
```

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 #00DB05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DB05
}
```

## Border

The CSS property to change the border of an element to Decimal 56069 is called "border". The border property can be set on classes, ids or directly on the HTML element.

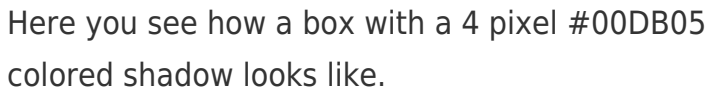
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00DB05 }
```

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

```
.border{ border-color:#00DB05 }
```

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



Here you see how a box with a 4 pixel #00DB05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DB05; -webkit-box-shadow:4px 4px  
4px 4px #00DB05; box-shadow:4px 4px 4px  
4px #00DB05 }
```

# Background

The CSS property to change the background color of an element to Decimal 56069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DB05 }
```

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

```
.background{ background-color:#00DB05 }
```

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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