

# Converting Colors

Decimal(60449)

Have a look what the booklet for  
Decimal(60449) contains.

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# **Color**

**Decimal(60449)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00EC21
RGB	0, 236, 33
RGB Percent	0%, 93%, 13%
CMY	1.0000, 0.0745, 0.8706
CMYK	1.00, 0.00, 0.86, 0.07
HSL	128°, 100%, 46%
HSV	128°, 100%, 93%
XYZ	30.2700, 60.1007, 11.4441
YIQ	142.2940, -75.4930, -113.1650

# Conversions

## Conversions Part 2

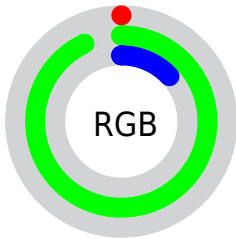
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 207, 236
Decimal	60449
CIELab	81.89, -80.50, 74.40
CIELCh	82, 109.614, 137.257
Yxy	60.1007, 0.2973, 0.5903
Android (android.graphics.Color)	4278250529 (0xFF00EC21)
YUV	142.2940, -53.8819, -124.7918
Hunter-Lab	77.5246, -65.9717, 45.5150

# Details

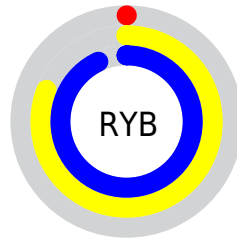
The Decimal color **60449** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **15466699**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **7536484**, and **45568** is the 20% darker color. If you saturate the color by 10%, you get **60449**, and if you desaturate by 10%, it is **1633333**.

# Distribution



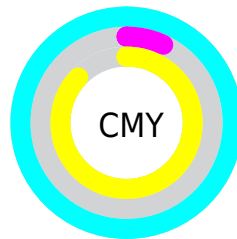
- Red (0%)
- Green (93%)
- Blue (13%)



- Red (0%)
- Yellow (81%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (86%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 60449 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 60449 by changing the saturation by 10% instead.



 60449	 60449
 16777215	 52992
 7536484	 45568
 9830273	 38400
 11992990	 31488
 14090171	 24576
 16187353	 17920
 16777206	 11520
	 3328
	 0

 60449

 1633333

 3140682

 4713566

 6220914

 7793798

 9366683

 10874031

 12446915

 13954264

# Harmonies

## Analogous

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



12507392



60449



62875

# Triad

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



60449



58879



16730262

# Complementary

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



60449



15466699

# 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.



16732156



60449



378111

# Square

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



60449



62719



16748543



16745519

# Rectangle

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



60449



63715



16748543



16727479

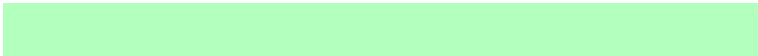


# Sweetspot

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



60449



11796413



13495296



5406808



0



8421504



# Same Dimension

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



60449



65316



60565



6976875



46361



13831



# Inverse Universe

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



15466699



16711899



15466583



7694964



11862172

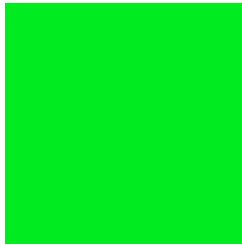


3538990



# Previews

## White Background



This preview shows how the Decimal color 60449 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



This preview shows how the Decimal color 60449 looks on a 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

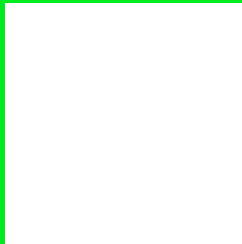
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 60449 Background



This preview shows how black text looks on a background with the Decimal color 60449.

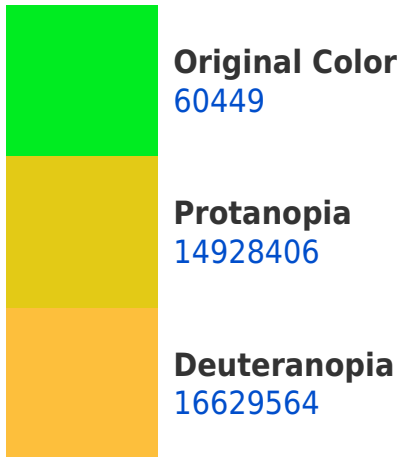


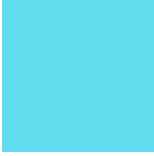
This preview shows how white text looks on a background with the Decimal color 60449.

# 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](#).

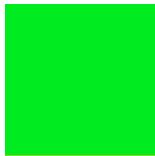
## Dichromacy





**Tritanopia**  
6544621

# Trichromacy



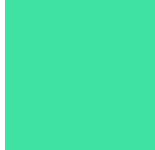
**Original Color**  
60449



**Protanomaly**  
9491994

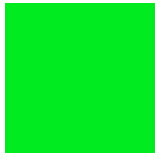


**Deuteranomaly**  
10604338



**Tritanomaly**  
4186787

# Monochromacy



**Original Color**  
60449



**Achromatopsia**  
9342606



**Achromatomaly**  
5943398

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 60449 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 #00EC21 looks like.

```
.text, #text, p{  
    color:#00EC21  
}
```

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 #00EC21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EC21
}
```

## Border

The CSS property to change the border of an element to Decimal 60449 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
#00EC21 }
```

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

```
.border{ border-color:#00EC21 }
```

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

Here you see how a box with a 4 pixel #00EC21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EC21; -webkit-box-shadow:4px 4px  
4px 4px #00EC21; box-shadow:4px 4px 4px  
4px #00EC21 }
```

# Background

The CSS property to change the background color of an element to Decimal 60449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EC21 }
```

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

```
.background{ background-color:#00EC21 }
```

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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