

# Converting Colors

Decimal(60257)

Have a look what the booklet for  
Decimal(60257) contains.

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# **Color**

**Decimal(60257)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00EB61
RGB	0, 235, 97
RGB Percent	0%, 92%, 38%
CMY	1.0000, 0.0784, 0.6196
CMYK	1.00, 0.00, 0.59, 0.08
HSL	145°, 100%, 46%
HSV	145°, 100%, 92%
XYZ	31.8660, 60.2797, 21.2649
YIQ	149.0030, -95.7620, -92.7380

# Conversions

## Conversions Part 2

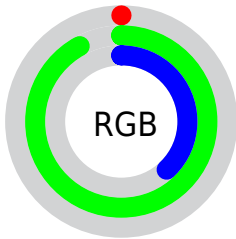
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 166, 235
Decimal	60257
CIELab	81.99, -75.02, 52.91
CIELCh	82, 91.803, 144.806
Yxy	60.2797, 0.2810, 0.5315
Android (android.graphics.Color)	4278250337 (0xFF00EB61)
YUV	149.0030, -25.6375, -130.6756
Hunter-Lab	77.6400, -62.6078, 38.1090

# Details

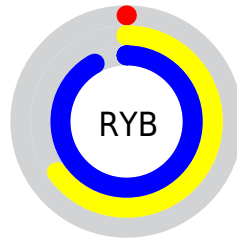
The Decimal color **60257** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **15401098**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **7339927**, and **45354** is the 20% darker color. If you saturate the color by 10%, you get **60257**, and if you desaturate by 10%, it is **1567599**.

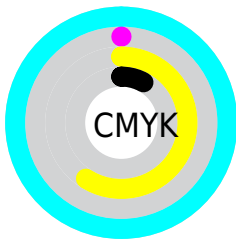
# Distribution



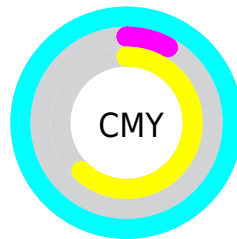
- Red (0%)
- Green (92%)
- Blue (38%)



- Red (0%)
- Yellow (65%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (8%)



- Cyan (100%)
- Magenta (8%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 60257 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 60257 by changing the saturation by 10% instead.





 60257

 1567599

 3140477

 4713354

 6220696

 7793574

 9300916

 10808258

 12381135

 13888477

# Harmonies

## Analogous

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



11459584



60257



62138

# Triad

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



60257



56319



16742793

# Complementary

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



60257



15401098

# 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.



16740575



60257



11123967

# Square

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



60257



60671



16749311



16752442

# Rectangle

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



60257



62454



16749311



16740773

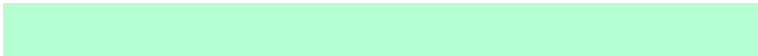


# Sweetspot

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



60257



11796434



9300736



5406821



0



8421504



# Same Dimension

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



60257



65385



60371



6976878



46411



13846



# Inverse Universe

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



15401098



16711830



15400984



7694960



11862122

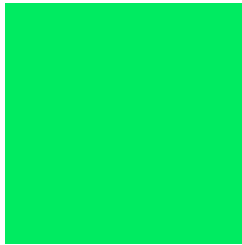


3538975



# Previews

## White Background



This preview shows how the Decimal color 60257 looks on a white background.

## Color Contrast Check

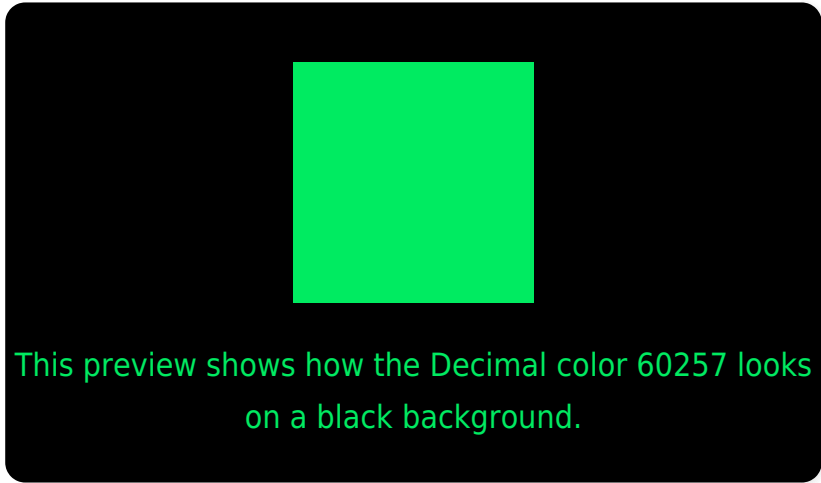
Large Text (above 18pt) WCAG AA × Fail

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 60257 Background



This preview shows how black text looks on a background with the Decimal color 60257.

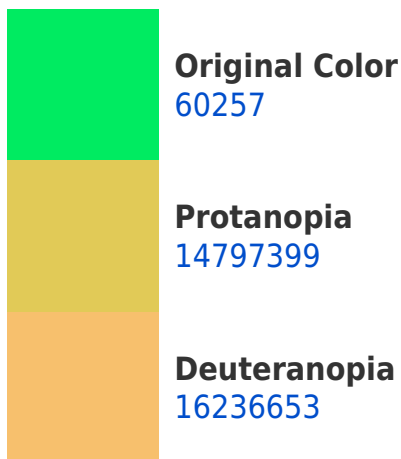


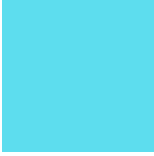
This preview shows how white text looks on a background with the Decimal color 60257.

# 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**  
6151662

# Trichromacy



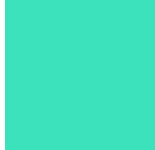
**Original Color**  
60257



**Protanomaly**  
9426523



**Deuteranomaly**  
10342505



**Tritanomaly**  
3924667

# Monochromacy



**Original Color**  
60257



**Achromatopsia**  
9803157



**Achromatomaly**  
6272130

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 60257 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 #00EB61 looks like.

```
.text, #text, p{  
    color:#00EB61  
}
```

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 #00EB61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EB61
}
```

## Border

The CSS property to change the border of an element to Decimal 60257 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
#00EB61 }
```

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

```
.border{ border-color:#00EB61 }
```

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

Here you see how a box with a 4 pixel #00EB61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EB61; -webkit-box-shadow:4px 4px  
4px 4px #00EB61; box-shadow:4px 4px 4px  
4px #00EB61 }
```

# Background

The CSS property to change the background color of an element to Decimal 60257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EB61 }
```

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

```
.background{ background-color:#00EB61 }
```

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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