

# Converting Colors

Decimal(65054)

Have a look what the booklet for  
Decimal(65054) contains.

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# **Color**

**Decimal(65054)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FE1E
RGB	0, 254, 30
RGB Percent	0%, 100%, 12%
CMY	1.0000, 0.0039, 0.8824
CMYK	1.00, 0.00, 0.88, 0.00
HSL	127°, 100%, 50%
HSV	127°, 100%, 100%
XYZ	35.6762, 70.9774, 13.0480
YIQ	152.5180, -79.4800, -123.5120

# Conversions

## Conversions Part 2

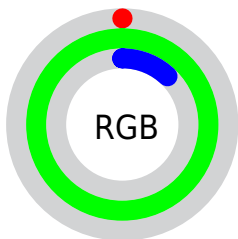
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 227, 254
Decimal	65054
CIELab	87.47, -85.33, 79.80
CIELCh	87, 116.833, 136.919
Yxy	70.9774, 0.2980, 0.5930
Android (android.graphics.Color)	4278255134 (0xFF00FE1E)
YUV	152.5180, -60.4014, -133.7583
Hunter-Lab	84.2481, -71.8455, 49.7911

# Details

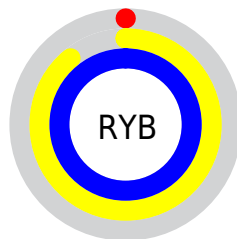
The Decimal color **65054** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **16646368**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **7864165**, and **49920** is the 20% darker color. If you saturate the color by 10%, you get **65054**, and if you desaturate by 10%, it is **1703476**.

# Distribution



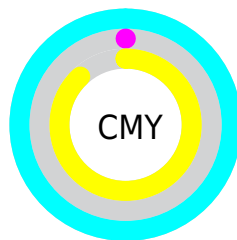
- Red (0%)
- Green (100%)
- Blue (12%)



- Red (0%)
- Yellow (89%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (88%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 65054 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 65054 by changing the saturation by 10% instead.



 65054	 65054
 16777215	 57344
 7864165	 49920
 10223491	 42752
 12386209	 35584
 14548926	 28672
 16711644	 21760
 16777210	 15360
	 8448
	 0

 65054

 1703476


 3407435

 5045857

 6749816

 8388238

 10026660

 11730619

 13369041

 15073000

# Harmonies

## Analogous

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



13494528



65054



65445

# Triad

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



65054



63487



16731042

# Complementary

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



65054



16646368

# 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.



16733183



65054



54271

# Square

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



65054



65535



16751359



16747827

# Rectangle

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



65054



65523



16751359



16727751

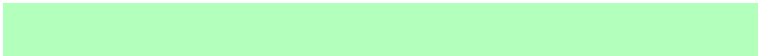


# Sweetspot

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



65054



11796412



14745088



5406807



0



8421504



# Same Dimension

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



65054



65310



65181



7569524



48919



16392



# Inverse Universe

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



16646368



16711905



16646241



8418174



12517545

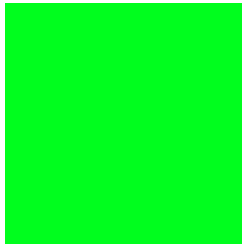


4194360



# Previews

## White Background



This preview shows how the Decimal color 65054 looks on a white background.

## Color Contrast Check

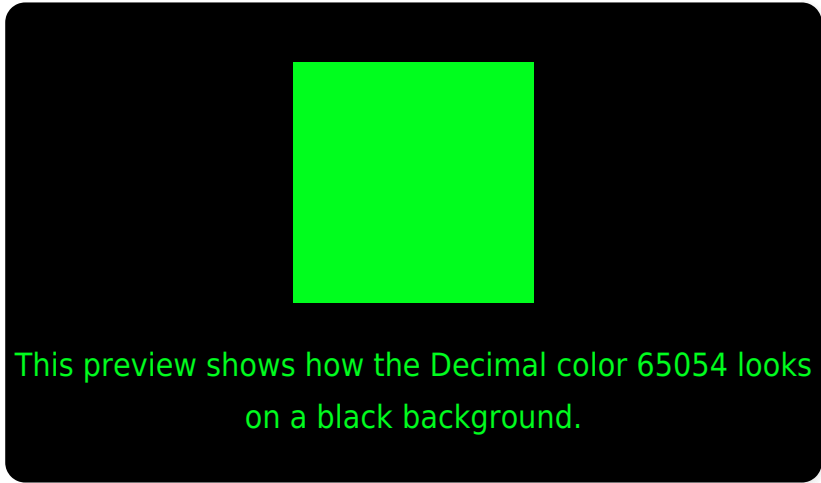
Large Text (above 18pt) WCAG AA × Fail

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

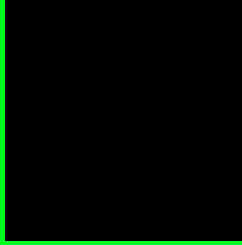
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

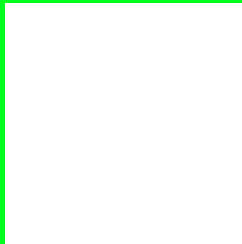
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 65054 Background



This preview shows how black text looks on a background with the Decimal color 65054.

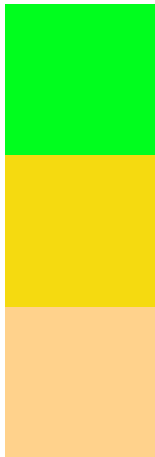


This preview shows how white text looks on a background with the Decimal color 65054.

# 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](#).

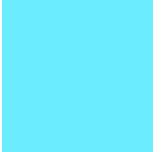
## Dichromacy



**Original Color**  
65054

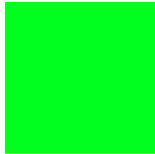
**Protanopia**  
16112144

**Deuteranopia**  
16765580



**Tritanopia**  
7138559

# Trichromacy



**Original Color**  
65054



**Protanomaly**  
10282773

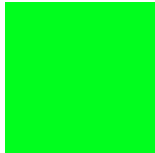


**Deuteranomaly**  
10674788



**Tritanomaly**  
4584365

# Monochromacy



**Original Color**  
65054



**Achromatopsia**  
10066329



**Achromatomaly**  
6405740

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 65054 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 #00FE1E looks like.

```
.text, #text, p{  
    color:#00FE1E  
}
```

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 #00FE1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FE1E
}
```

## Border

The CSS property to change the border of an element to Decimal 65054 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
#00FE1E }
```

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

```
.border{ border-color:#00FE1E }
```

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

Here you see how a box with a 4 pixel #00FE1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FE1E; -webkit-box-shadow:4px 4px  
4px 4px #00FE1E; box-shadow:4px 4px 4px  
4px #00FE1E }
```

# Background

The CSS property to change the background color of an element to Decimal 65054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FE1E }
```

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

```
.background{ background-color:#00FE1E }
```

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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