

Converting Colors

Decimal(128347)

Have a look what the booklet for
Decimal(128347) contains.

Decimal(128347)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(128347)

Conversions

Conversions Part 1

Format	Color
Hex	01F55B
RGB	1, 245, 91
RGB Percent	0%, 96%, 36%
CMY	0.9961, 0.0392, 0.6431
CMYK	1.00, 0.00, 0.63, 0.04
HSL	142°, 99%, 48%
HSV	142°, 100%, 96%
XYZ	34.5533, 66.0666, 20.8285
YIQ	154.4880, -95.9900, -99.6220

Conversions

Conversions Part 2

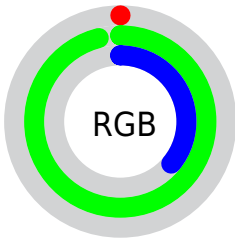
Format	Color
RYB	1, 179, 245
Decimal	128347
CIELab	85.03, -78.62, 58.95
CIELCh	85, 98.271, 143.138
Yxy	66.0666, 0.2845, 0.5440
Android (android.graphics.Color)	4278318427 (0xFF01F55B)
YUV	154.4880, -31.2996, -134.6090
Hunter-Lab	81.2814, -66.3608, 41.7038

Details

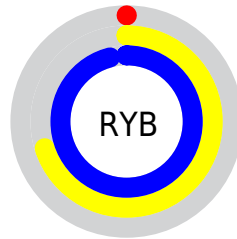
The Decimal color **128347** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **16056731**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **7536530**, and **47904** is the 20% darker color. If you saturate the color by 10%, you get **62810**, and if you desaturate by 10%, it is **1701226**.

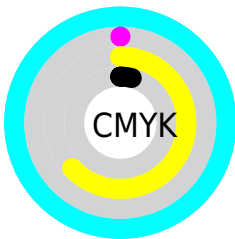
Distribution



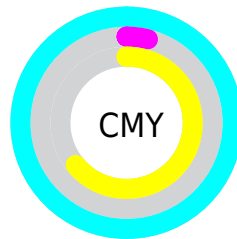
- Red (0%)
- Green (96%)
- Blue (36%)



- Red (0%)
- Yellow (70%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (4%)



- Cyan (100%)
- Magenta (4%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 128347 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 128347 by changing the saturation by 10% instead.



■ 128347

■ 128347

■ 62810

■ 1701226

■ 3339642

■ 4912521

■ 6550937

■ 8123816

■ 9762232

■ 11400647

■ 12973527

■ 14611942

Harmonies

Analogous

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



12182784



128347



64955

Triad

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



128347



59135



16742034

Complementary

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



128347



16056731

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.



16740334



128347



10536447

Square

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



128347



63743



16750591



16752698

Rectangle

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



128347



65276



16750591



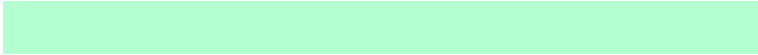
16740016

Sweetspot

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



128347



11796431



10286337



5406819



0



8421504

Same Dimension

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



128347



65374



128468



7240307



47685



15126

Inverse Universe

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



16056731



16711841



16056610



8023670



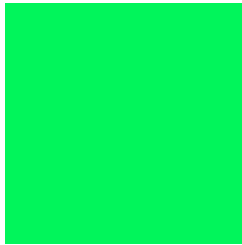
12189813



3866661

Previews

White Background



This preview shows how the Decimal color 128347 looks on a white background.

Color Contrast Check

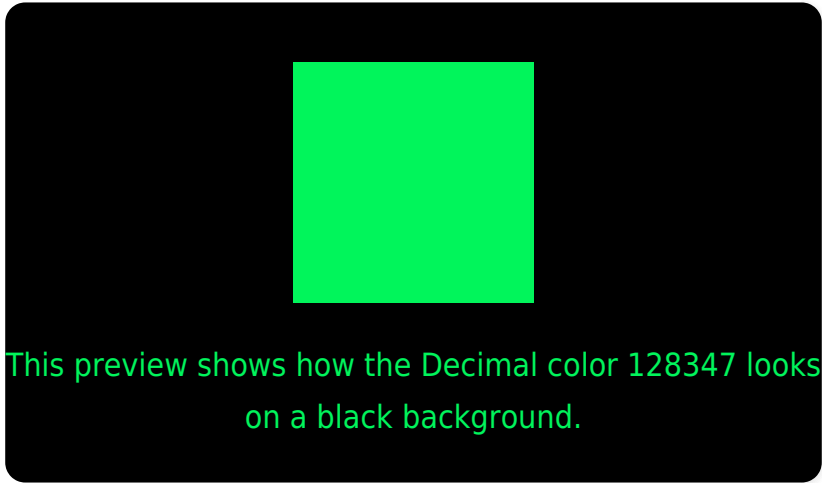
Large Text (above 18pt) WCAG AA × Fail

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

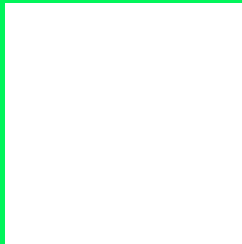
Any Text WCAG AAA ✓ Pass

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

Decimal 128347 Background



This preview shows how black text looks on a background with the Decimal color 128347.

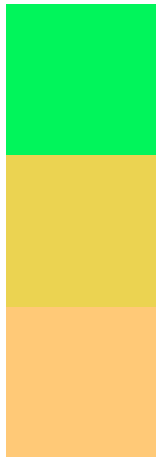


This preview shows how white text looks on a background with the Decimal color 128347.

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](#).

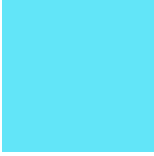
Dichromacy



Original Color
128347

Protanopia
15455057

Deuteranopia
16763255



Tritanopia
6481400

Trichromacy



Original Color
128347



Protanomaly
9887573



Deuteranomaly
10738029



Tritanomaly
4189119

Monochromacy



Original Color
128347



Achromatopsia
10132122



Achromatomaly
6470531

CSS Examples

Text

The CSS property to change the color of the text to Decimal 128347 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 #01F55B looks like.

```
.text, #text, p{  
    color:#01F55B  
}
```

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 #01F55B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01F55B
}
```

Border

The CSS property to change the border of an element to Decimal 128347 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
#01F55B }
```

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

```
.border{ border-color:#01F55B }
```

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

Here you see how a box with a 4 pixel #01F55B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01F55B; -webkit-box-shadow:4px 4px  
4px 4px #01F55B; box-shadow:4px 4px 4px  
4px #01F55B }
```

Background

The CSS property to change the background color of an element to Decimal 128347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01F55B }
```

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

```
.background{ background-color:#01F55B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor