

Converting Colors

Decimal(59437)

Have a look what the booklet for
Decimal(59437) contains.

Decimal(59437)	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(59437)

Conversions

Conversions Part 1

Format	Color
Hex	00E82D
RGB	0, 232, 45
RGB Percent	0%, 91%, 18%
CMY	1.0000, 0.0902, 0.8235
CMYK	1.00, 0.00, 0.81, 0.09
HSL	132°, 100%, 45%
HSV	132°, 100%, 91%
XYZ	29.3303, 57.9027, 12.1131
YIQ	141.3140, -78.2450, -107.3410

Conversions

Conversions Part 2

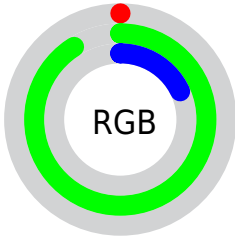
Format	Color
RYB	0, 194, 232
Decimal	59437
CIELab	80.68, -78.86, 70.51
CIELCh	81, 105.787, 138.202
Yxy	57.9027, 0.2952, 0.5828
Android (android.graphics.Color)	4278249517 (0xFF00E82D)
YUV	141.3140, -47.4828, -123.9324
Hunter-Lab	76.0938, -64.3616, 43.8275

Details

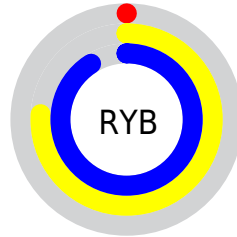
The Decimal color **59437** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **15204539**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **7405419**, and **44544** is the 20% darker color. If you saturate the color by 10%, you get **59437**, and if you desaturate by 10%, it is **1566784**.

Distribution



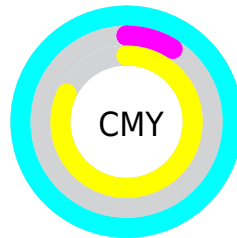
- Red (0%)
- Green (91%)
- Blue (18%)



- Red (0%)
- Yellow (76%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (81%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 59437 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 59437 by changing the saturation by 10% instead.

 59437	 59437
16777215	 51968
 7405419	 44544
 9699207	 37632
 11861924	 30464
 13959105	 23808
 16056286	 17152
16777212	 10752
	 1280
	 0

■ 59437

■ 1566784

■ 3074130

■ 4647013

■ 6154360

■ 7661707

■ 9169053

■ 10676400

■ 12249283

■ 13756629

Harmonies

Analogous

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



12113408



59437



61852

Triad

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



59437



57599



16732305

Complementary

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



59437



15204539

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.



16733172



59437



4505599

Square

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



59437



61439



16748031



16746031

Rectangle

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



59437



62434



16748031



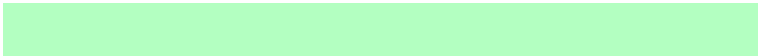
16729778

Sweetspot

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



59437



11796417



12445696



5406811



0



8421504

Same Dimension

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



59437



65329



59551



6779754



45859



13066

Inverse Universe

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



15204539



16711886



15204425



7563121



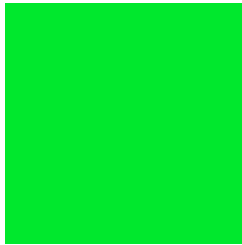
11731088



3342377

Previews

White Background



This preview shows how the Decimal color 59437 looks on a white background.

Color Contrast Check

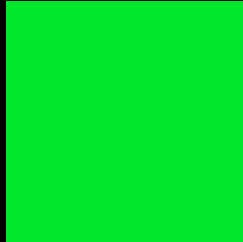
Large Text (above 18pt) WCAG AA × Fail

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 59437 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

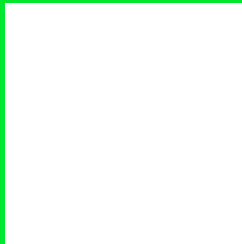
Any Text WCAG AAA ✓ Pass

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

Decimal 59437 Background



This preview shows how black text looks on a background with the Decimal color 59437.



This preview shows how white text looks on a background with the Decimal color 59437.

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](#).

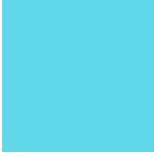
Dichromacy



Original Color
59437

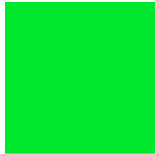
Protanopia
14665508

Deuteranopia
16301122



Tritanopia
6346986

Trichromacy



Original Color
59437



Protanomaly
9360167

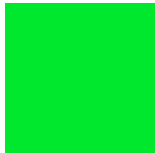


Deuteranomaly
10406970



Tritanomaly
4054693

Monochromacy



Original Color
59437



Achromatopsia
9276813



Achromatomaly
5942890

CSS Examples

Text

The CSS property to change the color of the text to Decimal 59437 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 #00E82D looks like.

```
.text, #text, p{  
    color:#00E82D  
}
```

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 #00E82D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E82D
}
```

Border

The CSS property to change the border of an element to Decimal 59437 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".

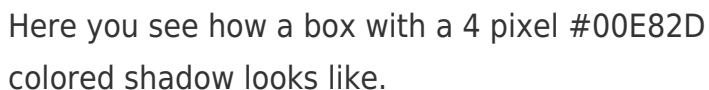
```
.border, #border, table{ border:4px solid
#00E82D }
```

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

```
.border{ border-color:#00E82D }
```

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

Here you see how a box with a 4 pixel #00E82D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E82D; -webkit-box-shadow:4px 4px  
4px 4px #00E82D; box-shadow:4px 4px 4px  
4px #00E82D }
```

Background

The CSS property to change the background color of an element to Decimal 59437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E82D }
```

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

```
.background{ background-color:#00E82D }
```

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