

# Converting Colors

Decimal(59537)

Have a look what the booklet for  
Decimal(59537) contains.

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# **Color**

**Decimal(59537)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E891
RGB	0, 232, 145
RGB Percent	0%, 91%, 57%
CMY	1.0000, 0.0902, 0.4314
CMYK	1.00, 0.00, 0.38, 0.09
HSL	158°, 100%, 45%
HSV	158°, 100%, 91%
XYZ	33.9674, 59.7576, 36.5322
YIQ	152.7140, -110.3450, -76.2410

# Conversions

## Conversions Part 2

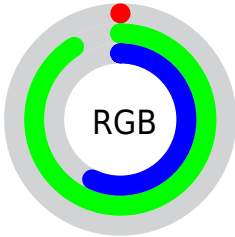
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 143, 232
Decimal	59537
CIELab	81.71, -66.32, 29.48
CIELCh	82, 72.583, 156.033
Yxy	59.7576, 0.2608, 0.4588
Android (android.graphics.Color)	4278249617 (0xFF00E891)
YUV	152.7140, -3.8030, -133.9302
Hunter-Lab	77.3030, -56.8462, 26.0926

# Details

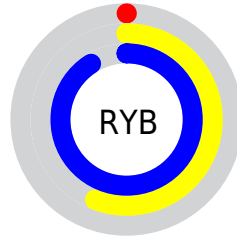
The Decimal color **59537** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **15204439**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **7208903**, and **44894** is the 20% darker color. If you saturate the color by 10%, you get **59537**, and if you desaturate by 10%, it is **1566874**.

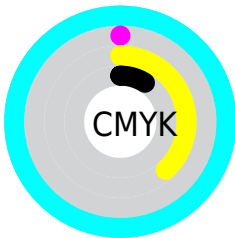
# Distribution



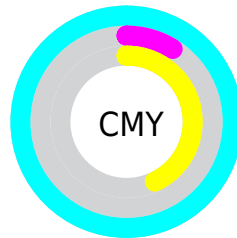
- Red (0%)
- Green (91%)
- Blue (57%)



- Red (0%)
- Yellow (56%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (9%)



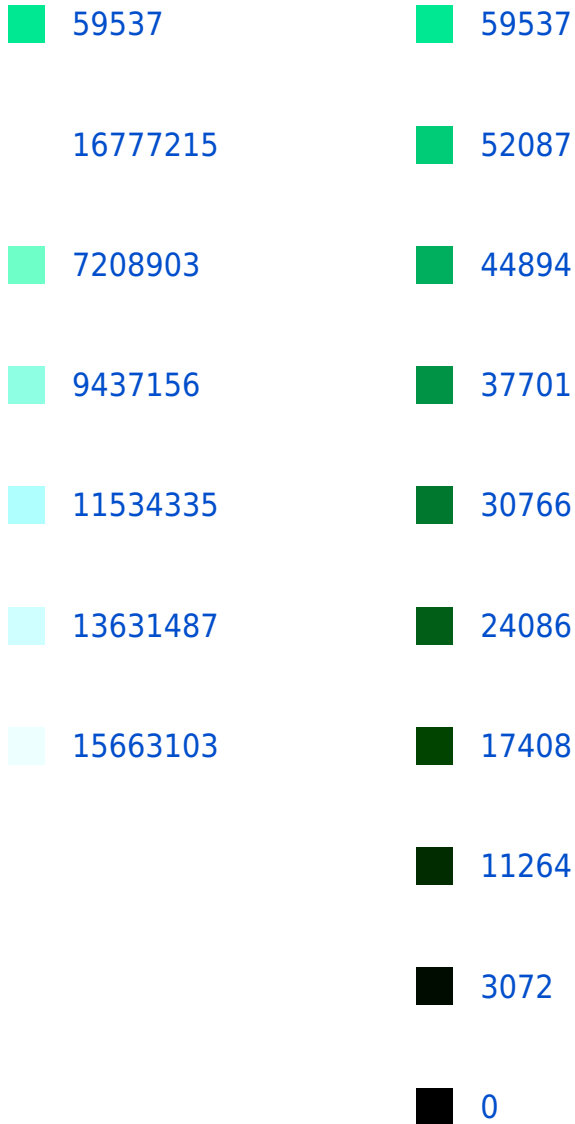
- Cyan (100%)
- Magenta (9%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 59537 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 59537 by changing the saturation by 10% instead.





■ 59537

■ 1566874

■ 3074210

■ 4647083

■ 6154420

■ 7661757

■ 9169093

■ 10676430

■ 12249303

■ 13756639

# Harmonies

## Analogous

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



10214997



59537



60631

# Triad

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



59537



5230335



16750975

# Complementary

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



59537



15204439

# 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.



16747456



59537



14726143

# Square

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



59537



57855



16750591



16757579

# Rectangle

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



59537



60415



16750591



16749203

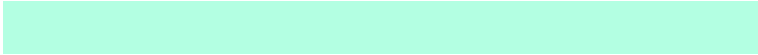


# Sweetspot

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



59537



11796450



5892096



5406830



0



8421504



# Same Dimension

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



59537



65439



52712



6779758



45936



13088



# Inverse Universe

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



15204439



16711776



15211264



7563116



11731011

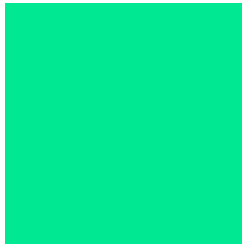


3342355



# Previews

## White Background



This preview shows how the Decimal color 59537 looks on a white background.

## Color Contrast Check

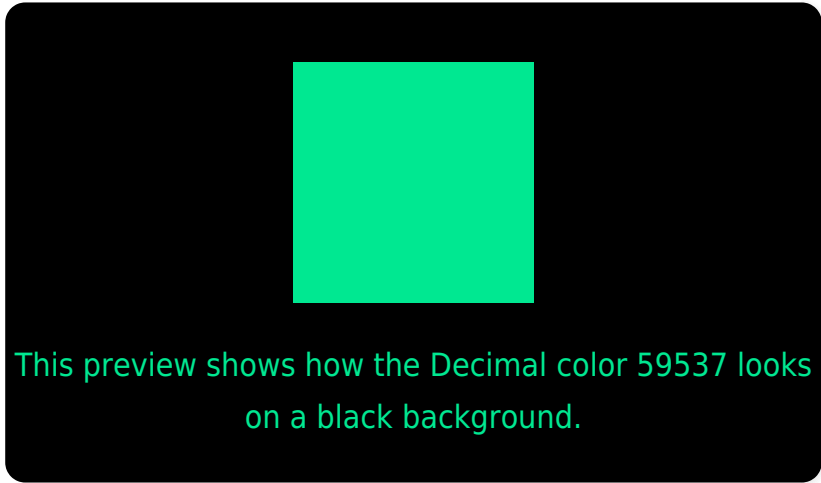
Large Text (above 18pt) WCAG AA × Fail

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

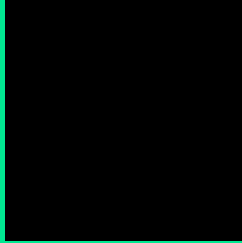
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 59537 Background



This preview shows how black text looks on a background with the Decimal color 59537.



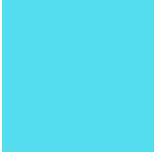
This preview shows how white text looks on a background with the Decimal color 59537.

# 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**  
5496303

# Trichromacy



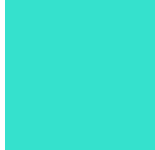
**Original Color**  
59537



**Protanomaly**  
9163913



**Deuteranomaly**  
9883543



**Tritanomaly**  
3531213

# Monochromacy



**Original Color**  
59537



**Achromatopsia**  
10066329



**Achromatomaly**  
6403734

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 59537 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 #00E891 looks like.

```
.text, #text, p{  
    color:#00E891  
}
```

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 #00E891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E891
}
```

## Border

The CSS property to change the border of an element to Decimal 59537 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
#00E891 }
```

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

```
.border{ border-color:#00E891 }
```

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

Here you see how a box with a 4 pixel #00E891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E891; -webkit-box-shadow:4px 4px  
4px 4px #00E891; box-shadow:4px 4px 4px  
4px #00E891 }
```

# Background

The CSS property to change the background color of an element to Decimal 59537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E891 }
```

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

```
.background{ background-color:#00E891 }
```

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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