

# Converting Colors

Decimal(59310)

Have a look what the booklet for  
Decimal(59310) contains.

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# **Color**

**Decimal(59310)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E7AE
RGB	0, 231, 174
RGB Percent	0%, 91%, 68%
CMY	1.0000, 0.0941, 0.3176
CMYK	1.00, 0.00, 0.25, 0.09
HSL	165°, 100%, 45%
HSV	165°, 100%, 91%
XYZ	36.2159, 60.2078, 49.7569
YIQ	155.4330, -119.3790, -66.6990

# Conversions

## Conversions Part 2

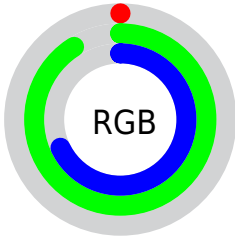
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 132, 231
Decimal	59310
CIELab	81.95, -59.72, 14.83
CIELCh	82, 61.532, 166.052
Yxy	60.2078, 0.2477, 0.4119
Android (android.graphics.Color)	4278249390 (0xFF00E7AE)
YUV	155.4330, 9.1535, -136.3147
Hunter-Lab	77.5937, -52.4763, 16.2959

# Details

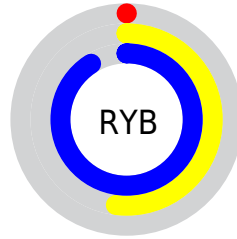
The Decimal color **59310** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **15138873**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **7274470**, and **44666** is the 20% darker color. If you saturate the color by 10%, you get **59310**, and if you desaturate by 10%, it is **1566644**.

# Distribution



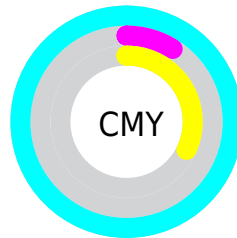
- Red (0%)
- Green (91%)
- Blue (68%)



- Red (0%)
- Yellow (52%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 59310 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 59310 by changing the saturation by 10% instead.





■ 59310

■ 1566644

■ 3073977

■ 4581311

■ 6088645

■ 7661514

■ 9168848

■ 10676182

■ 12183516

■ 13690849

# Harmonies

## Analogous

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



9298040



59310



59882

# Triad

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



59310



10602495



16755323

# Complementary

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



59310



15138873

# 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.



16751535



59310



16232703

# Square

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



59310



56063



16752361



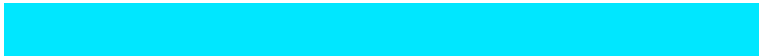
16760665

# Rectangle

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



59310



59391



16752361



16753547

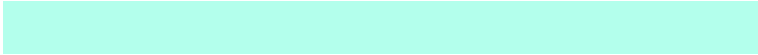


# Sweetspot

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



59310



11796460



3860224



5406836



0



8421504



# Same Dimension

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



59310



65472



44519



6779760



45958



13094



# Inverse Universe

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



15138873



16711743



15153664



7563114



11730988

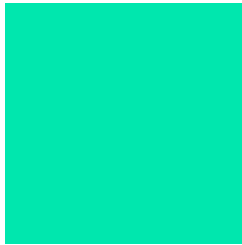


3342349



# Previews

## White Background



This preview shows how the Decimal color 59310 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 59310 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

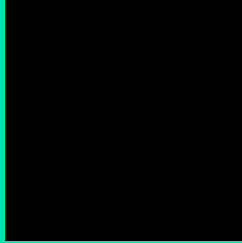
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 59310 Background



This preview shows how black text looks on a background with the Decimal color 59310.



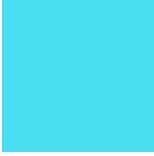
This preview shows how white text looks on a background with the Decimal color 59310.

# 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**  
4906736

# Trichromacy



**Original Color**  
59310



**Protanomaly**  
9033125



**Deuteranomaly**  
9621683



**Tritanomaly**  
3138008

# Monochromacy



**Original Color**  
59310



**Achromatopsia**  
10197915



**Achromatomaly**  
6535074

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 59310 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 #00E7AE looks like.

```
.text, #text, p{  
    color:#00E7AE  
}
```

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 #00E7AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E7AE
}
```

## Border

The CSS property to change the border of an element to Decimal 59310 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
#00E7AE }
```

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

```
.border{ border-color:#00E7AE }
```

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

Here you see how a box with a 4 pixel #00E7AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E7AE; -webkit-box-shadow:4px 4px  
4px 4px #00E7AE; box-shadow:4px 4px 4px  
4px #00E7AE }
```

# Background

The CSS property to change the background color of an element to Decimal 59310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E7AE }
```

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

```
.background{ background-color:#00E7AE }
```

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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