

Converting Colors

Decimal(58306)

Have a look what the booklet for
Decimal(58306) contains.

Decimal(58306)	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(58306)

Conversions

Conversions Part 1

Format	Color
Hex	00E3C2
RGB	0, 227, 194
RGB Percent	0%, 89%, 76%
CMY	1.0000, 0.1098, 0.2392
CMYK	1.00, 0.00, 0.15, 0.11
HSL	171°, 100%, 45%
HSV	171°, 100%, 89%
XYZ	37.2067, 58.8332, 60.4339
YIQ	155.3650, -124.6990, -58.3870

Conversions

Conversions Part 2

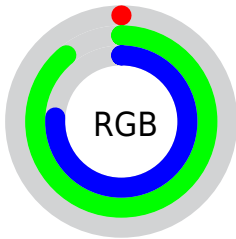
Format	Color
RYB	0, 122, 227
Decimal	58306
CIELab	81.20, -53.20, 3.22
CIELCh	81, 53.301, 176.533
Yxy	58.8332, 0.2378, 0.3760
Android (android.graphics.Color)	4278248386 (0xFF00E3C2)
YUV	155.3650, 19.0471, -136.2551
Hunter-Lab	76.7028, -47.6439, 6.9776

Details

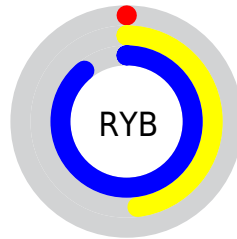
The Decimal color **58306** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed cyan. A complement of this color would be **14876705**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **7274490**, and **43661** is the 20% darker color. If you saturate the color by 10%, you get **58306**, and if you desaturate by 10%, it is **1565637**.

Distribution



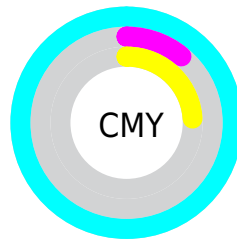
- Red (0%)
- Green (89%)
- Blue (76%)



- Red (0%)
- Yellow (48%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 58306 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 58306 by changing the saturation by 10% instead.



■ 58306

■ 1565637

■ 3007433

■ 4514764

■ 6022095

■ 7529427

■ 8971222

■ 10478553

■ 11985884

■ 13427680

Harmonies

Analogous

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



8380049



58306



58357

Triad

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



58306



12959743



16757624

Complementary

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



58306



14876705

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.



16753824



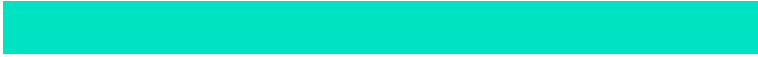
58306



16755967

Square

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



58306



6803967



16753106



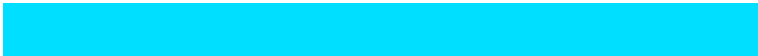
15582564

Rectangle

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



58306



57343



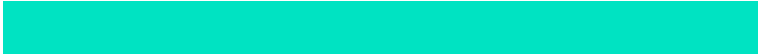
16753106



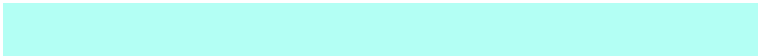
16756099

Sweetspot

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



58306



11796468



2286336



5406841



0



8421504

Same Dimension

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



58306



65498



38115



6779761



45977



13100

Inverse Universe

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



14876705



16711717



14896896



7563113



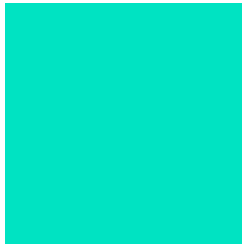
11730970



3342343

Previews

White Background



This preview shows how the Decimal color 58306 looks on a white background.

Color Contrast Check

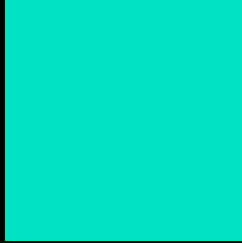
Large Text (above 18pt) WCAG AA × Fail

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 58306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

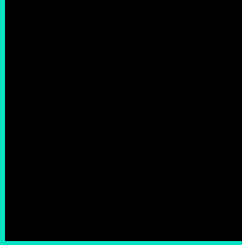
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

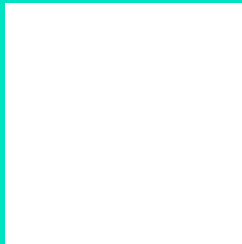
Any Text WCAG AAA ✓ Pass

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

Decimal 58306 Background



This preview shows how black text looks on a background with the Decimal color 58306.



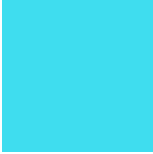
This preview shows how white text looks on a background with the Decimal color 58306.

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



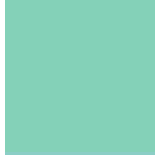


Tritanopia
4185583

Trichromacy



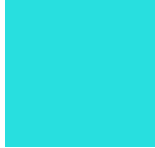
Original Color
58306



Protanomaly
8704440



Deuteranomaly
9162438



Tritanomaly
2678751

Monochromacy



Original Color
58306



Achromatopsia
10197915



Achromatomaly
6534569

CSS Examples

Text

The CSS property to change the color of the text to Decimal 58306 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 #00E3C2 looks like.

```
.text, #text, p{  
    color:#00E3C2  
}
```

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 #00E3C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E3C2
}
```

Border

The CSS property to change the border of an element to Decimal 58306 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
#00E3C2 }
```

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

```
.border{ border-color:#00E3C2 }
```

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

Here you see how a box with a 4 pixel #00E3C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E3C2; -webkit-box-shadow:4px 4px  
4px 4px #00E3C2; box-shadow:4px 4px 4px  
4px #00E3C2 }
```

Background

The CSS property to change the background color of an element to Decimal 58306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E3C2 }
```

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

```
.background{ background-color:#00E3C2 }
```

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