

Converting Colors

Decimal(53935)

Have a look what the booklet for
Decimal(53935) contains.

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Color

Decimal(53935)

Conversions

Conversions Part 1

Format	Color
Hex	00D2AF
RGB	0, 210, 175
RGB Percent	0%, 82%, 69%
CMY	1.0000, 0.1765, 0.3137
CMYK	1.00, 0.00, 0.17, 0.18
HSL	170°, 100%, 41%
HSV	170°, 100%, 82%
XYZ	30.7845, 49.1883, 48.4292
YIQ	143.2200, -113.9250, -55.4050

Conversions

Conversions Part 2

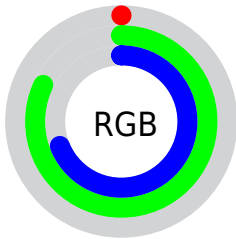
Format	Color
RYB	0, 115, 210
Decimal	53935
CIELab	75.57, -51.32, 5.21
CIELCh	76, 51.581, 174.204
Yxy	49.1883, 0.2398, 0.3831
Android (android.graphics.Color)	4278244015 (0xFF00D2AF)
YUV	143.2200, 15.6675, -125.6039
Hunter-Lab	70.1344, -44.3852, 8.1531

Details

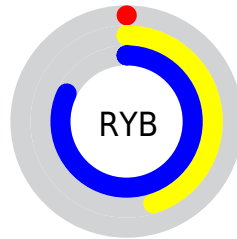
The Decimal color **53935** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **13762595**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **6946790**, and **39547** is the 20% darker color. If you saturate the color by 10%, you get **53935**, and if you desaturate by 10%, it is **1430194**.

Distribution



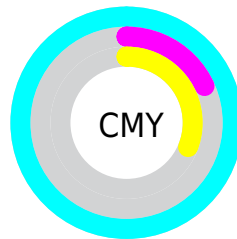
- Red (0%)
- Green (82%)
- Blue (69%)



- Red (0%)
- Yellow (45%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 53935 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 53935 by changing the saturation by 10% instead.



53935

 1430194

 2806454

 4182713

 5558973

 6935232

 8311492

 9687751

 11064011

 12440270

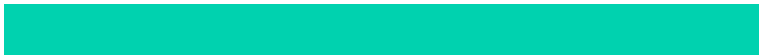
Harmonies

Analogous

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



7851393



53935



53984

Triad

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



53935



11579903



16753518

Complementary

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



53935



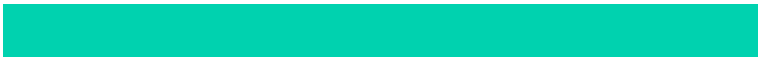
13762595

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.



16749974



53935



15507442

Square

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



53935



5227263



16749509



14660697

Rectangle

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



53935



53243



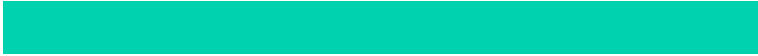
16749509



16752250

Sweetspot

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



53935



11796466



2347520



5406840



0



8421504

Same Dimension

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



53935



65492



36050



6187367



43148



10530

Inverse Universe

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



13762595



16711723



13780480



6905440



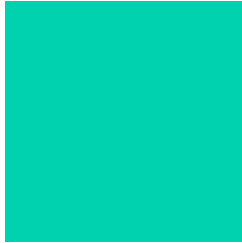
11010076



2686983

Previews

White Background



This preview shows how the Decimal color 53935 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 53935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

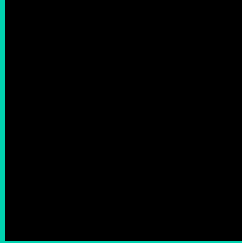
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

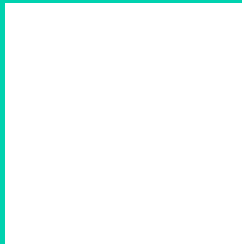
Any Text WCAG AAA ✓ Pass

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

Decimal 53935 Background



This preview shows how black text looks on a background with the Decimal color 53935.



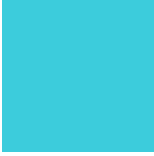
This preview shows how white text looks on a background with the Decimal color 53935.

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](#).

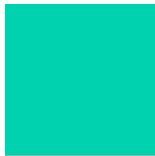
Dichromacy



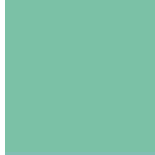


Tritanopia
3984604

Trichromacy



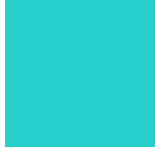
Original Color
53935



Protanomaly
8110502

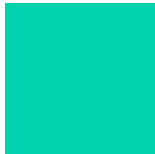


Deuteranomaly
8502963



Tritanomaly
2543308

Monochromacy



Original Color
53935



Achromatopsia
9408399



Achromatomaly
6006683

CSS Examples

Text

The CSS property to change the color of the text to Decimal 53935 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 #00D2AF looks like.

```
.text, #text, p{  
    color:#00D2AF  
}
```

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 #00D2AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D2AF  
}
```

Border

The CSS property to change the border of an element to Decimal 53935 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  
#00D2AF }
```

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

```
.border{ border-color:#00D2AF }
```

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

Here you see how a box with a 4 pixel #00D2AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D2AF; -webkit-box-shadow:4px 4px  
4px 4px #00D2AF; box-shadow:4px 4px 4px  
4px #00D2AF }
```

Background

The CSS property to change the background color of an element to Decimal 53935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D2AF }
```

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

```
.background{ background-color:#00D2AF }
```

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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