

Converting Colors

Decimal(53983)

Have a look what the booklet for
Decimal(53983) contains.

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Color

Decimal(53983)

Conversions

Conversions Part 1

Format	Color
Hex	00D2DF
RGB	0, 210, 223
RGB Percent	0%, 82%, 87%
CMY	1.0000, 0.1765, 0.1255
CMYK	1.00, 0.06, 0.00, 0.13
HSL	183°, 100%, 44%
HSV	183°, 100%, 87%
XYZ	36.3659, 51.4209, 77.8206
YIQ	148.6920, -129.3330, -40.4770

Conversions

Conversions Part 2

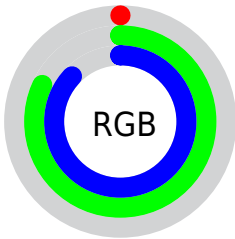
Format	Color
RYB	0, 108, 223
Decimal	53983
CIELab	76.93, -37.59, -18.59
CIELCh	77, 41.934, 206.311
Yxy	51.4209, 0.2196, 0.3105
Android (android.graphics.Color)	4278244063 (0xFF00D2DF)
YUV	148.6920, 36.6338, -130.4029
Hunter-Lab	71.7084, -34.9659, -14.1479

Details

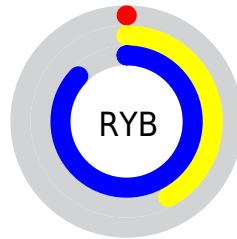
The Decimal color **53983** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **14617856**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **7274495**, and **39848** is the 20% darker color. If you saturate the color by 10%, you get **53983**, and if you desaturate by 10%, it is **1496031**.

Distribution



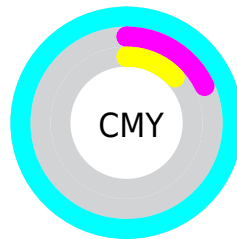
- Red (0%)
- Green (82%)
- Blue (87%)



- Red (0%)
- Yellow (42%)
- Blue (87%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 53983 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 53983 by changing the saturation by 10% instead.



■ 53983

■ 1496031

■ 3003871

■ 4445919

■ 5887967

■ 7395807

■ 8837855

■ 10279903

■ 11721951

■ 13229791

Harmonies

Analogous

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



5362360



53983



3198461

Triad

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



53983



15378666



14465648

Complementary

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



53983



14617856

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.



16428159



53983



16752836

Square

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



53983



12302079



16753310



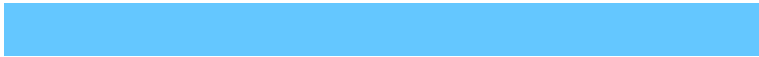
11847287

Rectangle

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



53983



6604799



16753310



15185266

Sweetspot

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



53983



11795455



57099



5406080



0



8421504

Same Dimension

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



53983



61695



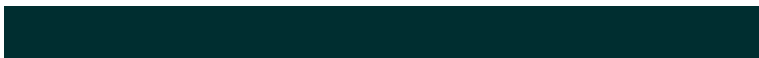
25823



6647920



42672



11824

Inverse Universe

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



14614738



16711920



14646016



7366000



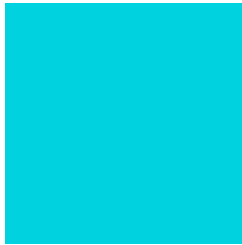
11534502



3145774

Previews

White Background



This preview shows how the Decimal color 53983 looks on a white background.

Color Contrast Check

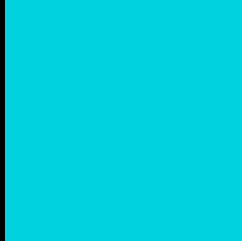
Large Text (above 18pt) WCAG AA × Fail

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 53983 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 53983 Background



This preview shows how black text looks on a background with the Decimal color 53983.

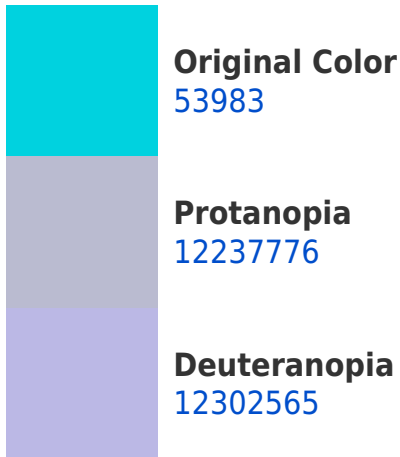


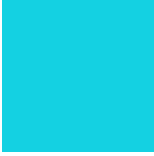
This preview shows how white text looks on a background with the Decimal color 53983.

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



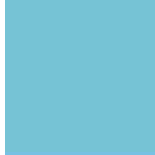


Tritanopia
1364450

Trichromacy



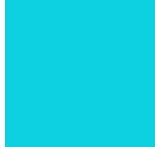
Original Color
53983



Protanomaly
7783381



Deuteranomaly
7848419



Tritanomaly
905697

Monochromacy



Original Color
53983



Achromatopsia
9803157



Achromatomaly
6269872

CSS Examples

Text

The CSS property to change the color of the text to Decimal 53983 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 #00D2DF looks like.

```
.text, #text, p{  
    color:#00D2DF  
}
```

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 #00D2DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D2DF
}
```

Border

The CSS property to change the border of an element to Decimal 53983 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
#00D2DF }
```

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

```
.border{ border-color:#00D2DF }
```

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

Here you see how a box with a 4 pixel #00D2DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D2DF; -webkit-box-shadow:4px 4px  
4px 4px #00D2DF; box-shadow:4px 4px 4px  
4px #00D2DF }
```

Background

The CSS property to change the background color of an element to Decimal 53983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D2DF }
```

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

```
.background{ background-color:#00D2DF }
```

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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