

Converting Colors

Decimal(899777)

Have a look what the booklet for
Decimal(899777) contains.

Decimal(899777)	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(899777)

Conversions

Conversions Part 1

Format	Color
Hex	0DBAC1
RGB	13, 186, 193
RGB Percent	5%, 73%, 76%
CMY	0.9490, 0.2706, 0.2431
CMYK	0.93, 0.04, 0.00, 0.24
HSL	182°, 87%, 40%
HSV	182°, 93%, 76%
XYZ	27.3505, 39.0536, 56.5487
YIQ	135.0710, -105.3550, -34.4990

Conversions

Conversions Part 2

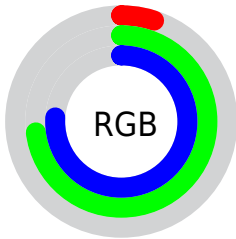
Format	Color
RYB	13, 101, 193
Decimal	899777
CIELab	68.79, -35.37, -14.57
CIELCh	69, 38.258, 202.389
Yxy	39.0536, 0.2224, 0.3176
Android (android.graphics.Color)	4279089857 (0xFF0DBAC1)
YUV	135.0710, 28.5590, -107.0563
Hunter-Lab	62.4929, -31.2406, -9.9054

Details

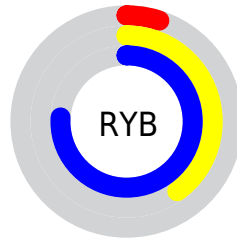
The Decimal color **899777** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **12653581**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **6878201**, and **33932** is the 20% darker color. If you saturate the color by 10%, you get **47553**, and if you desaturate by 10%, it is **2145217**.

Distribution



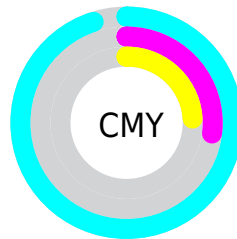
- Red (5%)
- Green (73%)
- Blue (76%)



- Red (5%)
- Yellow (40%)
- Blue (76%)



- Cyan (93%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (95%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 899777 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 899777 by changing the saturation by 10% instead.



899777



899777

16777215



40870



6878201



33932



9043967



27250



11075583



21082



13107199



14914



15073279



9516



280



0



899777



899777

■ 47553

■ 2145217

■ 3456193

■ 4701377

■ 5946817

■ 7257793

■ 8503233

■ 9748417

■ 10993857

■ 12304833

Harmonies

Analogous

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



5094046



899777



2012894

Triad

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



899777



13342418



13017955

Complementary

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



899777



12653581

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.



14718834



899777



15044274

Square

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



899777



10461928



15437455



10792551

Rectangle

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



899777



5222889



15437455



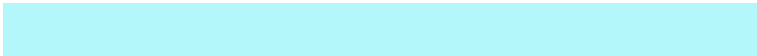
13672294

Sweetspot

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



899777



11859962



901395



5405565



16579836



8224125

Same Dimension

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



899777



61690



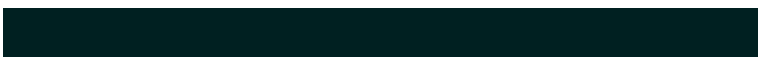
876993



5726561



39585



8225

Inverse Universe

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



12651962



16384240



12676365



6379361



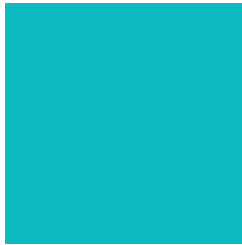
10551450



2162720

Previews

White Background



This preview shows how the Decimal color 899777 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 899777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

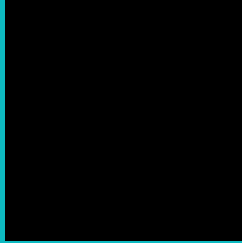
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

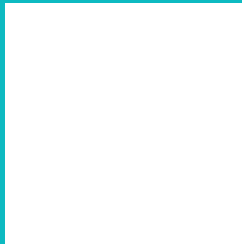
Any Text WCAG AAA ✓ Pass

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

Decimal 899777 Background



This preview shows how black text looks on a background with the Decimal color 899777.

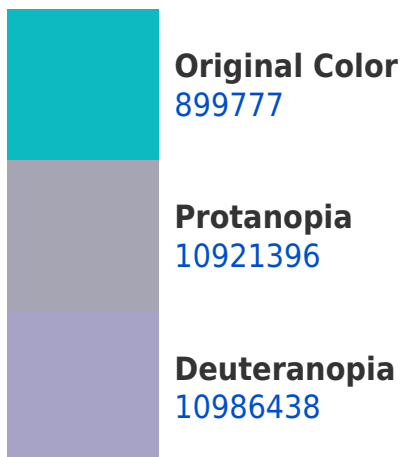


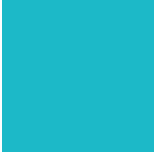
This preview shows how white text looks on a background with the Decimal color 899777.

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
1882568

Trichromacy



Original Color
899777



Protanomaly
7253433



Deuteranomaly
7318468



Tritanomaly
1554885

Monochromacy



Original Color
899777



Achromatopsia
8882055



Achromatomaly
6003356

CSS Examples

Text

The CSS property to change the color of the text to Decimal 899777 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 #0DBAC1 looks like.

```
.text, #text, p{  
  color:#0DBAC1  
}
```

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 #0DBAC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DBAC1
}
```

Border

The CSS property to change the border of an element to Decimal 899777 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
#0DBAC1 }
```

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

```
.border{ border-color:#0DBAC1 }
```

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

Here you see how a box with a 4 pixel #0DBAC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DBAC1; -webkit-box-shadow:4px 4px  
4px 4px #0DBAC1; box-shadow:4px 4px 4px  
4px #0DBAC1 }
```

Background

The CSS property to change the background color of an element to Decimal 899777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DBAC1 }
```

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

```
.background{ background-color:#0DBAC1 }
```

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