

Converting Colors

Decimal(829848)

Have a look what the booklet for
Decimal(829848) contains.

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Color

Decimal(829848)

Conversions

Conversions Part 1

Format	Color
Hex	0CA998
RGB	12, 169, 152
RGB Percent	5%, 66%, 60%
CMY	0.9529, 0.3373, 0.4039
CMYK	0.93, 0.00, 0.10, 0.34
HSL	174°, 87%, 35%
HSV	174°, 93%, 66%
XYZ	20.0071, 30.7211, 34.5810
YIQ	120.1190, -88.1150, -38.5710

Conversions

Conversions Part 2

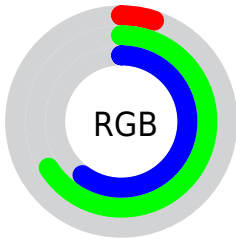
Format	Color
RYB	12, 95, 169
Decimal	829848
CIELab	62.27, -39.95, -1.50
CIELCh	62, 39.975, 182.156
Yxy	30.7211, 0.2345, 0.3601
Android (android.graphics.Color)	4279019928 (0xFF0CA998)
YUV	120.1190, 15.7173, -94.8204
Hunter-Lab	55.4266, -32.5643, 1.8072

Details

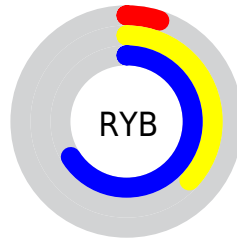
The Decimal color **829848** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11078685**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **6349262**, and **29797** is the 20% darker color. If you saturate the color by 10%, you get **43415**, and if you desaturate by 10%, it is **1943962**.

Distribution



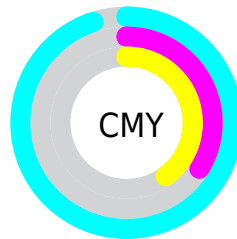
- Red (5%)
- Green (66%)
- Blue (60%)



- Red (5%)
- Yellow (37%)
- Blue (66%)



- Cyan (93%)
- Magenta (0%)
- Yellow (10%)
- Black (34%)



- Cyan (95%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 829848 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 829848 by changing the saturation by 10% instead.



829848



829848

16777215



36478



6349262



29797



8388330



23373



10354687



16951



12320767



11297



14286847



3851



16318463



0



829848



829848



43415



1943962

■ 3058076

■ 4172189

■ 5286303

■ 6334881

■ 7448995

■ 8563109

■ 9677223

■ 10791336

Harmonies

Analogous

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



5875316



829848



43195

Triad

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



829848



10325203



13076824

Complementary

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



829848



11078685

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.



14188147



829848



12943544

Square

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



829848



6527453



14187157



11179342

Rectangle

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



829848



42446



14187157



13600096

Sweetspot

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



829848



10410965



2009356



4746858



15592941



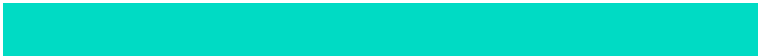
7237230

Same Dimension

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



829848



56260



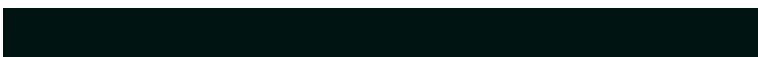
814505



5002323



38020



5138

Inverse Universe

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



11078685



14352408



11094028



5524557



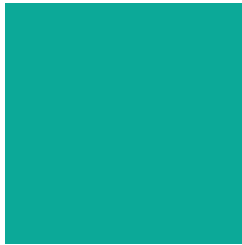
9699344



1310722

Previews

White Background



This preview shows how the Decimal color 829848 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 829848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

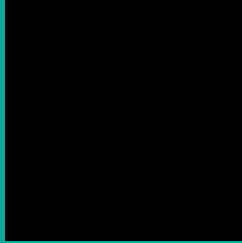
Any Text WCAG AA ✓ Pass

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 829848 Background



This preview shows how black text looks on a background with the Decimal color 829848.

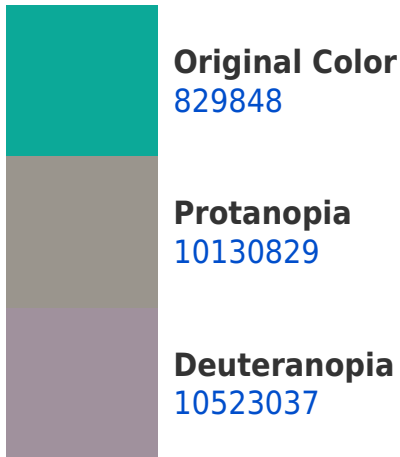


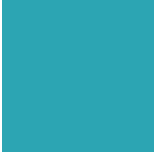
This preview shows how white text looks on a background with the Decimal color 829848.

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
2926003

Trichromacy



Original Color
829848



Protanomaly
6724753



Deuteranomaly
6986395



Tritanomaly
2139817

Monochromacy



Original Color
829848



Achromatopsia
7895160



Achromatomaly
5343876

CSS Examples

Text

The CSS property to change the color of the text to Decimal 829848 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 #0CA998 looks like.

```
.text, #text, p{  
    color:#0CA998  
}
```

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 #0CA998 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CA998
}
```

Border

The CSS property to change the border of an element to Decimal 829848 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
#0CA998 }
```

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

```
.border{ border-color:#0CA998 }
```

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

Here you see how a box with a 4 pixel #0CA998 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CA998; -webkit-box-shadow:4px 4px  
4px 4px #0CA998; box-shadow:4px 4px 4px  
4px #0CA998 }
```

Background

The CSS property to change the background color of an element to Decimal 829848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CA998 }
```

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

```
.background{ background-color:#0CA998 }
```

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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