

Converting Colors

Decimal(49582)

Have a look what the booklet for
Decimal(49582) contains.

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Color

Decimal(49582)

Conversions

Conversions Part 1

Format	Color
Hex	00C1AE
RGB	0, 193, 174
RGB Percent	0%, 76%, 68%
CMY	1.0000, 0.2431, 0.3176
CMYK	1.00, 0.00, 0.10, 0.24
HSL	174°, 100%, 38%
HSV	174°, 100%, 76%
XYZ	26.7099, 41.1959, 46.5882
YIQ	133.1270, -108.9290, -46.8250

Conversions

Conversions Part 2

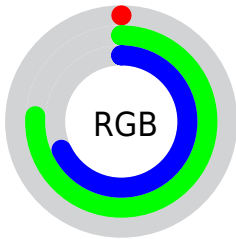
Format	Color
RYB	0, 101, 193
Decimal	49582
CIELab	70.31, -44.54, -1.89
CIELCh	70, 44.576, 182.433
Yxy	41.1959, 0.2333, 0.3598
Android (android.graphics.Color)	4278239662 (0xFF00C1AE)
YUV	133.1270, 20.1504, -116.7524
Hunter-Lab	64.1840, -38.0400, 1.8930

Details

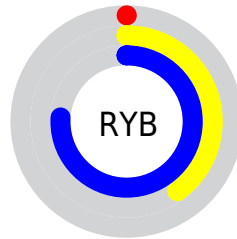
The Decimal color **49582** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **12648467**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **6683365**, and **35450** is the 20% darker color. If you saturate the color by 10%, you get **49582**, and if you desaturate by 10%, it is **1294768**.

Distribution



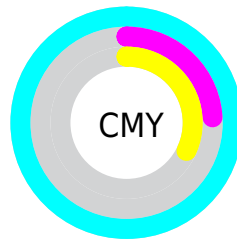
- Red (0%)
- Green (76%)
- Blue (68%)



- Red (0%)
- Yellow (40%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 49582 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 49582 by changing the saturation by 10% instead.



49582



49582

16777215



42387



6683365



35450



8781823



28769



10878975



22345



12845055



15923



14876671



10526



518



0



49582

■ 1294768

■ 2605490

■ 3850676

■ 5095862

■ 6406583

■ 7651769

■ 8896955

■ 10142141

■ 11452863

Harmonies

Analogous

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



6667909



49582



49366

Triad

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



49582



11837680



14916709

Complementary

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



49582



12648467

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.



16224387



49582



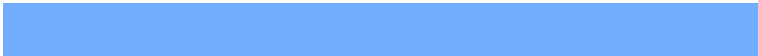
14783186

Square

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



49582



7450621



16223146



12757849

Rectangle

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



49582



48363



16223146



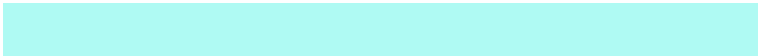
15505517

Sweetspot

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



49582



11533043



1294592



5275001



16579836



8224125

Same Dimension

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



49582



64225



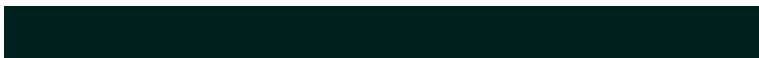
29889



5726560



41361



8478

Inverse Universe

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



12648467



16384025



12668160



6379352



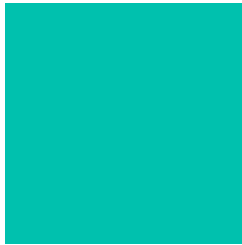
10551312



2162691

Previews

White Background



This preview shows how the Decimal color 49582 looks on a white background.

Color Contrast Check

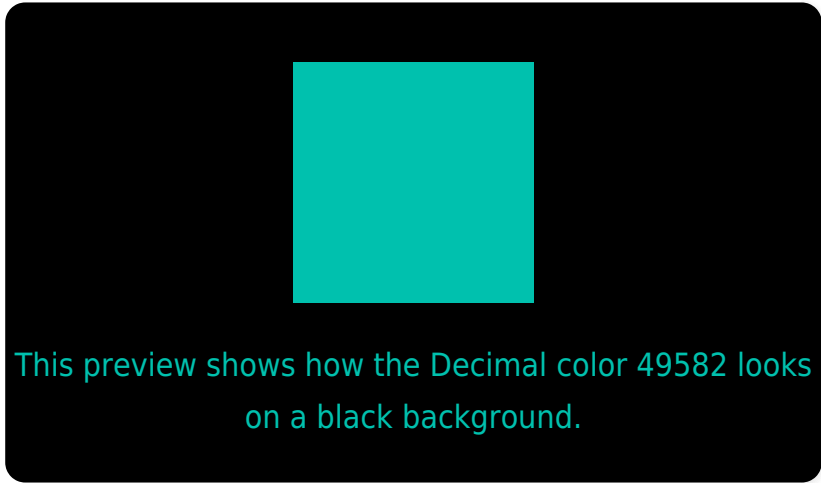
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

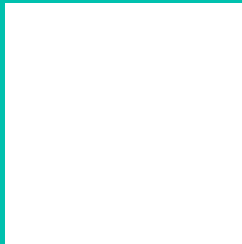
Any Text WCAG AAA ✓ Pass

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

Decimal 49582 Background



This preview shows how black text looks on a background with the Decimal color 49582.

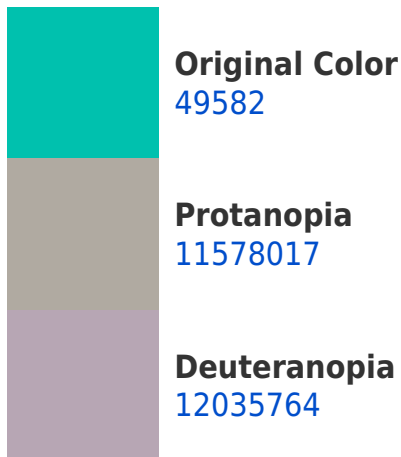


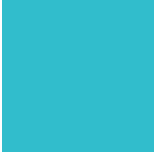
This preview shows how white text looks on a background with the Decimal color 49582.

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
3259852

Trichromacy



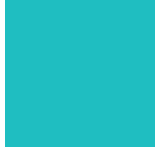
Original Color
49582



Protanomaly
7385766



Deuteranomaly
7647410



Tritanomaly
2080449

Monochromacy



Original Color
49582



Achromatopsia
8750469



Achromatomaly
5610388

CSS Examples

Text

The CSS property to change the color of the text to Decimal 49582 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 #00C1AE looks like.

```
.text, #text, p{  
    color:#00C1AE  
}
```

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 #00C1AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C1AE
}
```

Border

The CSS property to change the border of an element to Decimal 49582 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
#00C1AE }
```

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

```
.border{ border-color:#00C1AE }
```

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

Here you see how a box with a 4 pixel #00C1AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C1AE; -webkit-box-shadow:4px 4px  
4px 4px #00C1AE; box-shadow:4px 4px 4px  
4px #00C1AE }
```

Background

The CSS property to change the background color of an element to Decimal 49582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C1AE }
```

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

```
.background{ background-color:#00C1AE }
```

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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