

Converting Colors

Decimal(49852)

Have a look what the booklet for
Decimal(49852) contains.

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Color

Decimal(49852)

Conversions

Conversions Part 1

Format	Color
Hex	00C2BC
RGB	0, 194, 188
RGB Percent	0%, 76%, 74%
CMY	1.0000, 0.2392, 0.2627
CMYK	1.00, 0.00, 0.03, 0.24
HSL	178°, 100%, 38%
HSV	178°, 100%, 76%
XYZ	28.3689, 42.2144, 54.2300
YIQ	135.3100, -113.6980, -42.9940

Conversions

Conversions Part 2

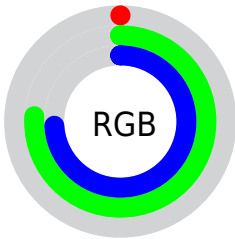
Format	Color
RYB	0, 99, 194
Decimal	49852
CIELab	71.02, -40.93, -8.50
CIELCh	71, 41.806, 191.734
Yxy	42.2144, 0.2273, 0.3382
Android (android.graphics.Color)	4278239932 (0xFF00C2BC)
YUV	135.3100, 25.9762, -118.6669
Hunter-Lab	64.9726, -35.7639, -4.0061

Details

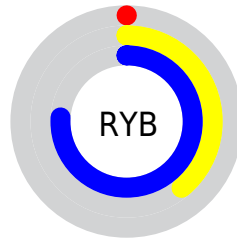
The Decimal color **49852** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **12713990**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **6814708**, and **35975** is the 20% darker color. If you saturate the color by 10%, you get **49852**, and if you desaturate by 10%, it is **1295037**.

Distribution



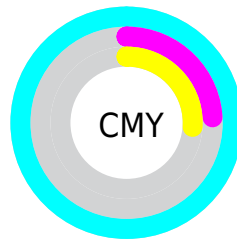
- Red (0%)
- Green (76%)
- Blue (74%)



- Red (0%)
- Yellow (39%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)

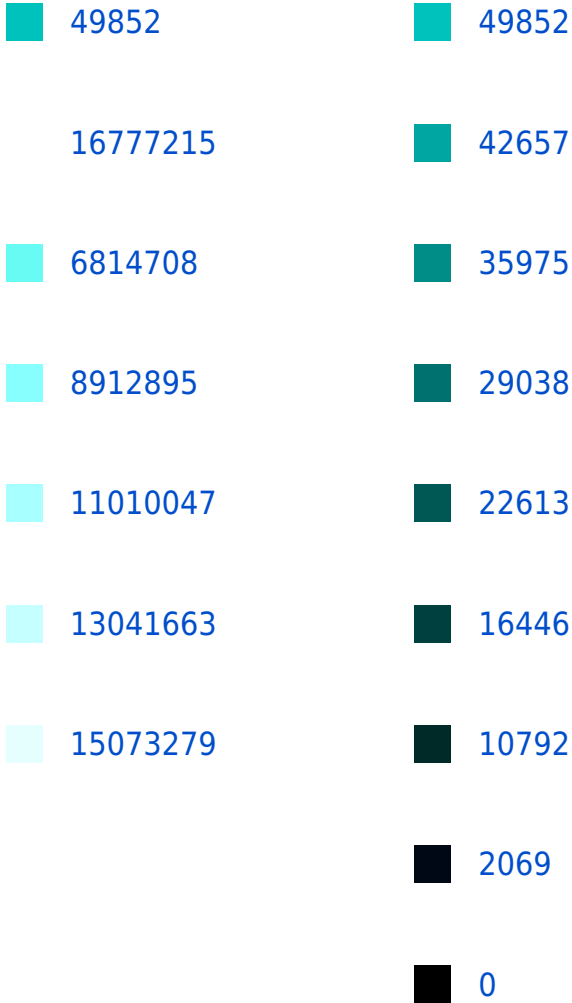


- Cyan (100%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 49852 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 49852 by changing the saturation by 10% instead.



 49852

■ 1295037

■ 2605757

■ 3850942

■ 5161662

■ 6406847

■ 7652032

■ 8962752

■ 10207937

■ 11518657

Harmonies

Analogous

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



6078613



49852



49119

Triad

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



49852



12951271



14328678

Complementary

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



49852



12713990

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.



15832957



49852



15307719

Square

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



49852



9350648



16224416



12103778

Rectangle

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



49852



2079728



16224416



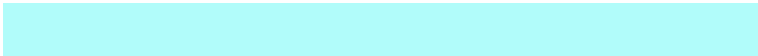
14917484

Sweetspot

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



49852



11664634



442880



5406846



0



8421504

Same Dimension

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



49852



64757



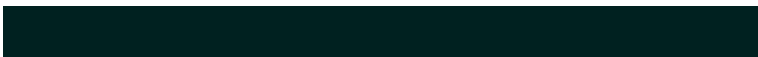
26562



5726561



41372



8480

Inverse Universe

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



12713990



16515080



12737280



6379352



10551301



2162689

Previews

White Background



This preview shows how the Decimal color 49852 looks on a white background.

Color Contrast Check

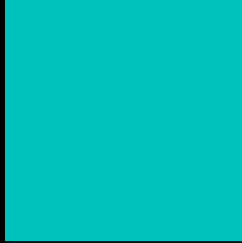
Large Text (above 18pt) WCAG AA × Fail

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 49852 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

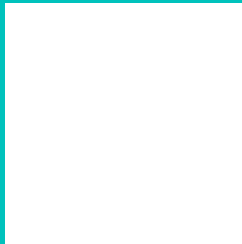
Any Text WCAG AAA ✓ Pass

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

Decimal 49852 Background



This preview shows how black text looks on a background with the Decimal color 49852.



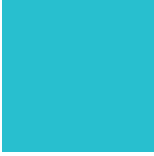
This preview shows how white text looks on a background with the Decimal color 49852.

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
2670543

Trichromacy



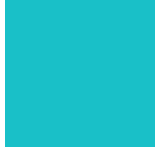
Original Color
49852



Protanomaly
7320756



Deuteranomaly
7516608



Tritanomaly
1687752

Monochromacy



Original Color
49852



Achromatopsia
8882055



Achromatomaly
5676186

CSS Examples

Text

The CSS property to change the color of the text to Decimal 49852 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 #00C2BC looks like.

```
.text, #text, p{  
  color:#00C2BC  
}
```

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 #00C2BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C2BC }  
}
```

Border

The CSS property to change the border of an element to Decimal 49852 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 #00C2BC }  
}
```

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

```
.border{ border-color:#00C2BC }
```

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

Here you see how a box with a 4 pixel #00C2BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C2BC; -webkit-box-shadow:4px 4px  
4px 4px #00C2BC; box-shadow:4px 4px 4px  
4px #00C2BC }
```

Background

The CSS property to change the background color of an element to Decimal 49852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C2BC }
```

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

```
.background{ background-color:#00C2BC }
```

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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