

Converting Colors

Decimal(49063)

Have a look what the booklet for
Decimal(49063) contains.

Decimal(49063)	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(49063)

Conversions

Conversions Part 1

Format	Color
Hex	00BFA7
RGB	0, 191, 167
RGB Percent	0%, 75%, 65%
CMY	1.0000, 0.2510, 0.3451
CMYK	1.00, 0.00, 0.13, 0.25
HSL	172°, 100%, 37%
HSV	172°, 100%, 75%
XYZ	25.6059, 40.0516, 42.9404
YIQ	131.1550, -106.1320, -47.9560

Conversions

Conversions Part 2

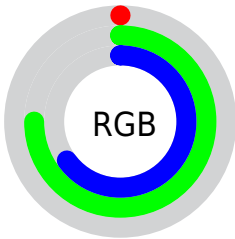
Format	Color
RYB	0, 102, 191
Decimal	49063
CIELab	69.51, -45.64, 0.76
CIELCh	70, 45.641, 179.049
Yxy	40.0516, 0.2358, 0.3688
Android (android.graphics.Color)	4278239143 (0xFF00BFA7)
YUV	131.1550, 17.6716, -115.0229
Hunter-Lab	63.2864, -38.5295, 4.0716

Details

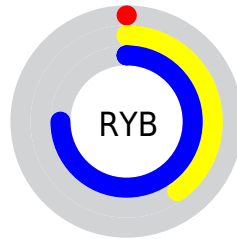
The Decimal color **49063** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **12517400**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **6617310**, and **34931** is the 20% darker color. If you saturate the color by 10%, you get **49063**, and if you desaturate by 10%, it is **1294249**.

Distribution



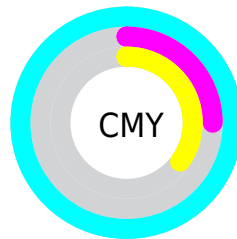
- Red (0%)
- Green (75%)
- Blue (65%)



- Red (0%)
- Yellow (40%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 49063 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 49063 by changing the saturation by 10% instead.

 49063	 49063
 16777215	 41869
 6617310	 34931
 8716283	 28251
 10747903	 21827
 12779519	 15405
 14811135	 10009
	 0

 49063

 1294249

■ 2539436

■ 3784622

■ 5029809

■ 6340531

■ 7585717

■ 8830904

■ 10076090

■ 11321277

Harmonies

Analogous

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



6798206



49063



48849

Triad

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



49063



11247602



15046756

Complementary

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



49063



12517400

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.



16223364



49063



14454997

Square

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



49063



6467324



16091309



12887893

Rectangle

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



49063



48103



16091309



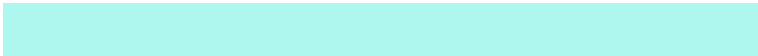
15569773

Sweetspot

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



49063



11401198



1687296



5274999



16579836



8224125

Same Dimension

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



49063



63448



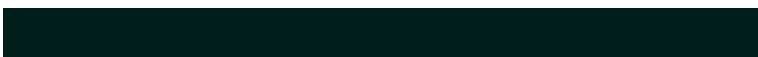
31167



5594717



40586



7963

Inverse Universe

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



12517400



16187423



12535296



6182230



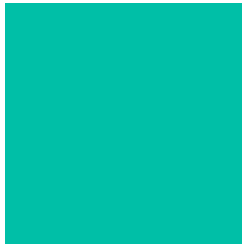
10354708



2031620

Previews

White Background



This preview shows how the Decimal color 49063 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 49063 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 49063 Background



This preview shows how black text looks on a background with the Decimal color 49063.

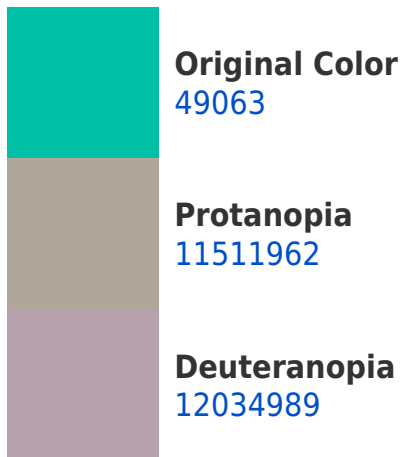


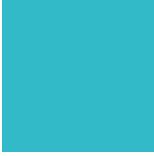
This preview shows how white text looks on a background with the Decimal color 49063.

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



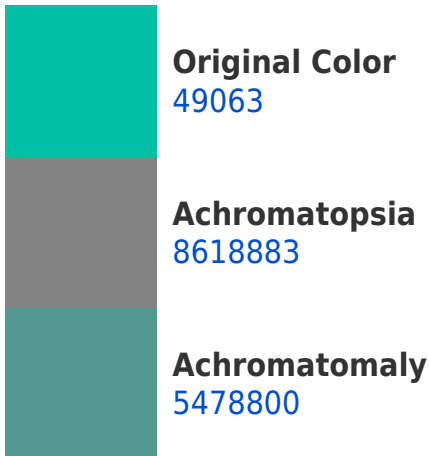


Tritanopia
3390153

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 49063 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 #00BFA7 looks like.

```
.text, #text, p{  
    color:#00BFA7  
}
```

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 #00BFA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BFA7
}
```

Border

The CSS property to change the border of an element to Decimal 49063 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
#00BFA7 }
```

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

```
.border{ border-color:#00BFA7 }
```

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

Here you see how a box with a 4 pixel #00BFA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BFA7; -webkit-box-shadow:4px 4px  
4px 4px #00BFA7; box-shadow:4px 4px 4px  
4px #00BFA7 }
```

Background

The CSS property to change the background color of an element to Decimal 49063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BFA7 }
```

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

```
.background{ background-color:#00BFA7 }
```

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