

# Converting Colors

Decimal(49319)

Have a look what the booklet for  
Decimal(49319) contains.

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# Color

**Decimal(49319)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C0A7
RGB	0, 192, 167
RGB Percent	0%, 75%, 65%
CMY	1.0000, 0.2471, 0.3451
CMYK	1.00, 0.00, 0.13, 0.25
HSL	172°, 100%, 38%
HSV	172°, 100%, 75%
XYZ	25.8247, 40.4893, 43.0133
YIQ	131.7420, -106.4070, -48.4790

# Conversions

## Conversions Part 2

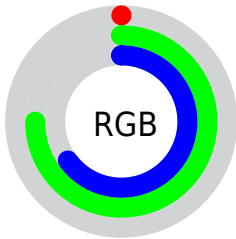
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 103, 192
Decimal	49319
CIELab	69.82, -46.06, 1.21
CIELCh	70, 46.071, 178.495
Yxy	40.4893, 0.2362, 0.3703
Android (android.graphics.Color)	4278239399 (0xFF00C0A7)
YUV	131.7420, 17.3822, -115.5377
Hunter-Lab	63.6312, -38.9105, 4.4631

# Details

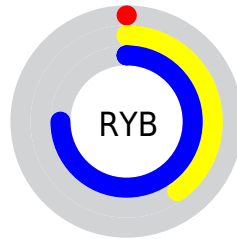
The Decimal color **49319** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **12582937**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **6617566**, and **35187** is the 20% darker color. If you saturate the color by 10%, you get **49319**, and if you desaturate by 10%, it is **1294505**.

# Distribution



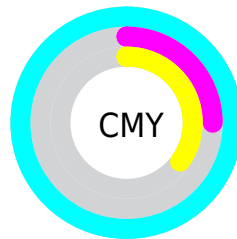
- Red (0%)
- Green (75%)
- Blue (65%)



- 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 49319 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 49319 by changing the saturation by 10% instead.



 49319	 49319
 16777215	 42125
 6617566	 35187
 8716283	 28507
 10813439	 22083
 12779519	 15661
 14811135	 10265
	 0

 49319

 1294505

■ 2539692

■ 3850414

■ 5095601

■ 6340787

■ 7585974

■ 8831161

■ 10141883

■ 11387069

# Harmonies

## Analogous

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



6863997



49319



49105

# Triad

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



49319



11247860



15177828

# Complementary

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



49319



12582937

# 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.



16354437



49319



14520791

# Square

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



49319



6336766



16156846



13018965

# Rectangle

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



49319



48360



16156846



15701102

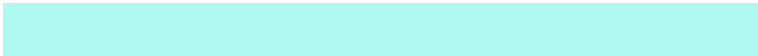


# Sweetspot

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



49319



11533040



1753088



5274999



16579836



8224125



# Same Dimension

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



49319



64217



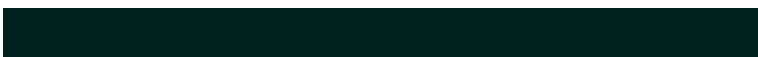
31424



5726560



41356



8477



# Inverse Universe

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



12582937



16384033



12600832



6379352



10551317

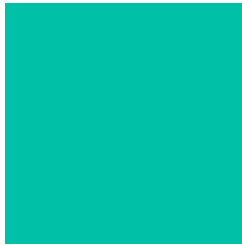


2162692



# Previews

## White Background



This preview shows how the Decimal color 49319 looks on a white background.

## Color Contrast Check

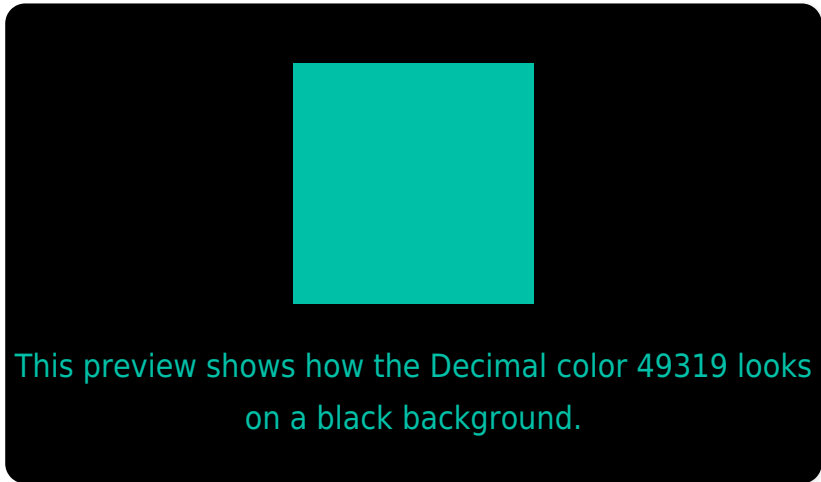
Large Text (above 18pt) WCAG AA × Fail

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

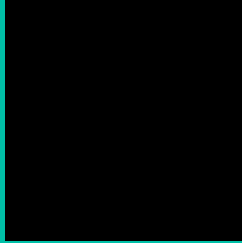
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 49319 Background



This preview shows how black text looks on a background with the Decimal color 49319.



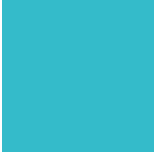
This preview shows how white text looks on a background with the Decimal color 49319.

# 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



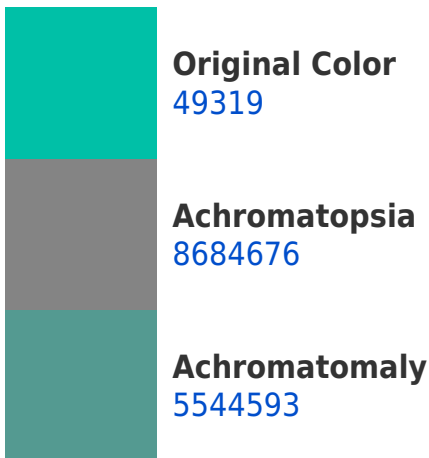


**Tritanopia**  
3455946

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 49319 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 #00C0A7 looks like.

```
.text, #text, p{  
    color:#00C0A7  
}
```

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 #00C0A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C0A7
}
```

## Border

The CSS property to change the border of an element to Decimal 49319 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
#00C0A7 }
```

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

```
.border{ border-color:#00C0A7 }
```

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

Here you see how a box with a 4 pixel #00C0A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C0A7; -webkit-box-shadow:4px 4px  
4px 4px #00C0A7; box-shadow:4px 4px 4px  
4px #00C0A7 }
```

# Background

The CSS property to change the background color of an element to Decimal 49319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C0A7 }
```

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

```
.background{ background-color:#00C0A7 }
```

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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