

# Converting Colors

Decimal(52904)

Have a look what the booklet for  
Decimal(52904) contains.

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# **Color**

**Decimal(52904)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00CEA8
RGB	0, 206, 168
RGB Percent	0%, 81%, 66%
CMY	1.0000, 0.1922, 0.3412
CMYK	1.00, 0.00, 0.18, 0.19
HSL	169°, 100%, 40%
HSV	169°, 100%, 81%
XYZ	29.1392, 46.9698, 44.5761
YIQ	140.0740, -110.5780, -55.4900

# Conversions

## Conversions Part 2

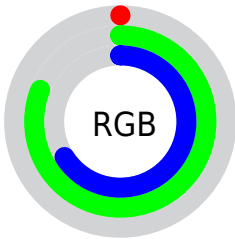
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 113, 206
Decimal	52904
CIELab	74.17, -51.52, 6.96
CIElCh	74, 51.989, 172.306
Yxy	46.9698, 0.2414, 0.3892
Android (android.graphics.Color)	4278242984 (0xFF00CEA8)
YUV	140.0740, 13.7675, -122.8449
Hunter-Lab	68.5345, -44.0415, 9.4109

# Details

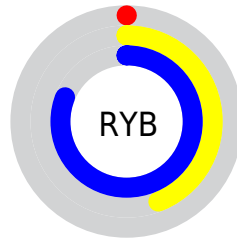
The Decimal color **52904** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **13500454**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **6815711**, and **38516** is the 20% darker color. If you saturate the color by 10%, you get **52904**, and if you desaturate by 10%, it is **1429164**.

# Distribution



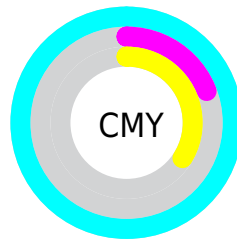
- Red (0%)
- Green (81%)
- Blue (66%)



- Red (0%)
- Yellow (44%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (19%)



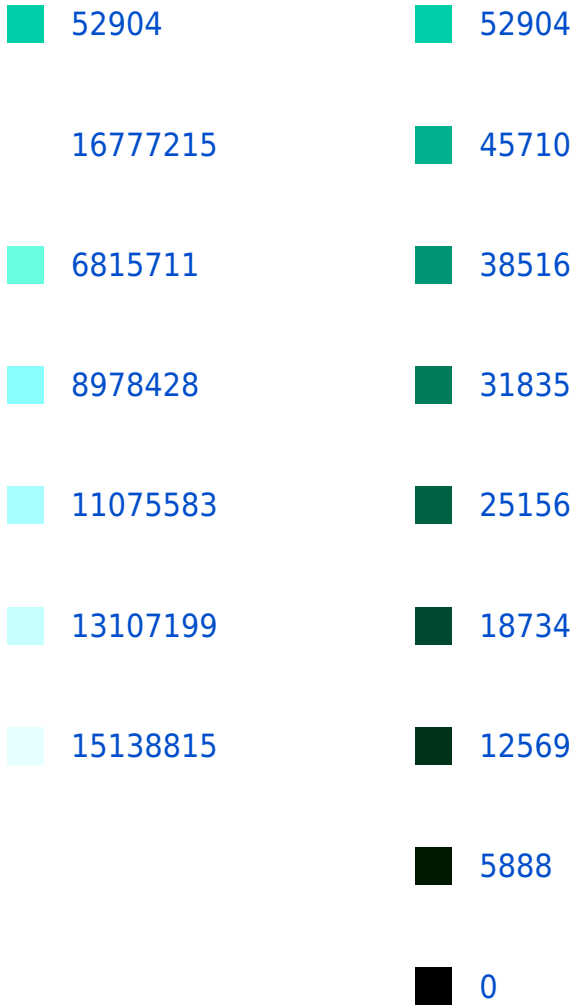
- Cyan (100%)
- Magenta (19%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 52904 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 52904 by changing the saturation by 10% instead.





 52904

 1429164

 2739888

 4116147

 5426871

 6803131

 8179391

 9490115

 10866374

 12177098

# Harmonies

## Analogous

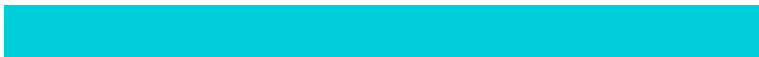
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7850362



52904



52953

# Triad

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



52904



10989567



16752236

# Complementary

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



52904



13500454

# 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.



16748949



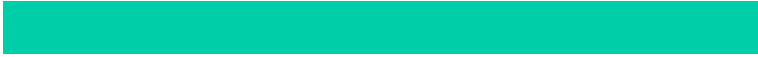
52904



15113457

# Square

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



52904



4046847



16748741



14593878

# Rectangle

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



52904



52469



16748741



16750968

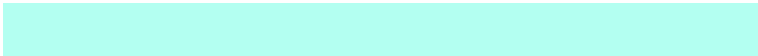


# Sweetspot

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



52904



11796465



2739712



5406839



0



8421504



# Same Dimension

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



52904



65488



37070



605524



42631



9759



# Inverse Universe

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



13500454



16711727



13516288



6708318



10879007

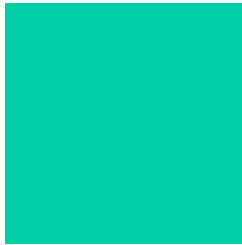


2490375



# Previews

## White Background



This preview shows how the Decimal color 52904 looks on a white background.

## Color Contrast Check

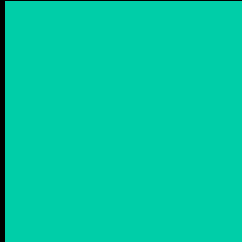
Large Text (above 18pt) WCAG AA × Fail

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 52904 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

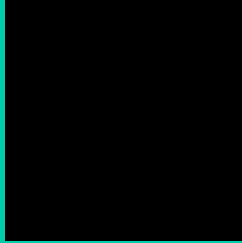
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

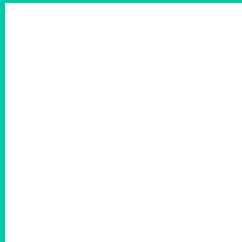
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 52904 Background



This preview shows how black text looks on a background with the Decimal color 52904.



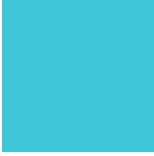
This preview shows how white text looks on a background with the Decimal color 52904.

# 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**  
4048856

# Trichromacy



**Original Color**

52904



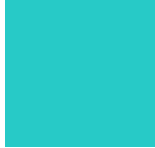
**Protanomaly**

7978400



**Deuteranomaly**

8436396



**Tritanomaly**

2607815

# Monochromacy



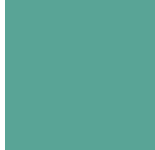
**Original Color**

52904



**Achromatopsia**

9211020



**Achromatomaly**

5874838

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 52904 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 #00CEA8 looks like.

```
.text, #text, p{  
    color:#00CEA8  
}
```

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 #00CEA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CEA8
}
```

## Border

The CSS property to change the border of an element to Decimal 52904 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
#00CEA8 }
```

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

```
.border{ border-color:#00CEA8 }
```

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

Here you see how a box with a 4 pixel #00CEA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CEA8; -webkit-box-shadow:4px 4px  
4px 4px #00CEA8; box-shadow:4px 4px 4px  
4px #00CEA8 }
```

# Background

The CSS property to change the background color of an element to Decimal 52904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CEA8 }
```

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

```
.background{ background-color:#00CEA8 }
```

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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