

# Converting Colors

Decimal(838064)

Have a look what the booklet for  
Decimal(838064) contains.

<b>Decimal(838064)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(838064)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0CC9B0
RGB	12, 201, 176
RGB Percent	5%, 79%, 69%
CMY	0.9529, 0.2118, 0.3098
CMYK	0.94, 0.00, 0.12, 0.21
HSL	172°, 89%, 42%
HSV	172°, 94%, 79%
XYZ	28.8747, 44.9860, 48.2356
YIQ	141.6390, -104.6190, -47.8430

# Conversions

## Conversions Part 2

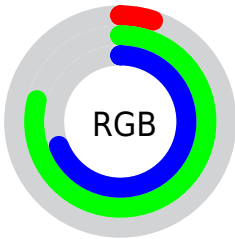
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 113, 201
Decimal	838064
CIELab	72.88, -46.99, 0.78
CIELCh	73, 47.000, 179.046
Yxy	44.9860, 0.2365, 0.3684
Android (android.graphics.Color)	4279028144 (0xFF0CC9B0)
YUV	141.6390, 16.9400, -113.6934
Hunter-Lab	67.0716, -40.5300, 4.3108

# Details

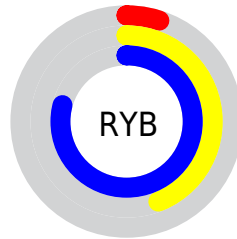
The Decimal color **838064** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **13175845**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **6946792**, and **37500** is the 20% darker color. If you saturate the color by 10%, you get **51630**, and if you desaturate by 10%, it is **2148787**.

# Distribution



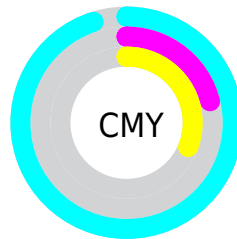
- Red (5%)
- Green (79%)
- Blue (69%)



- Red (5%)
- Yellow (44%)
- Blue (79%)



- Cyan (94%)
- Magenta (0%)
- Yellow (12%)
- Black (21%)



- Cyan (95%)
- Magenta (21%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 838064 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 838064 by changing the saturation by 10% instead.





838064



838064

16777215



44437



6946792



37500



9043967



30563



11141119



24139



13172735



17716



15204351



11807



4616



0



838064



838064

■ 51630

■ 2148787

■ 3459509

■ 4770232

■ 6080955

■ 7457213

■ 8767936

■ 10078659

■ 11389381

■ 12700104

# Harmonies

## Analogous

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



7259525



838064



51419

# Triad

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



838064



11839742



15835498

# Complementary

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



838064



13175845

# 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.



16749707



838064



15177952

# Square

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



838064



6928639



16748726



13611099

# Rectangle

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



838064



50675



16748726



16358516

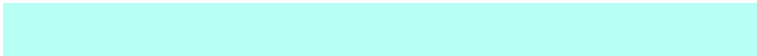


# Sweetspot

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



838064



12124150



2476300



5537914



0



8421504



# Same Dimension

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



838064



65501



820425



5923682



41870



9247



# Inverse Universe

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



13175845



16711714



13193484



6511195



10682390

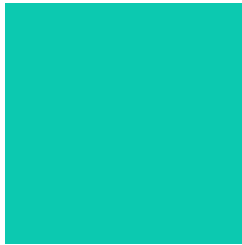


2359301



# Previews

## White Background



This preview shows how the Decimal color 838064 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 838064 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

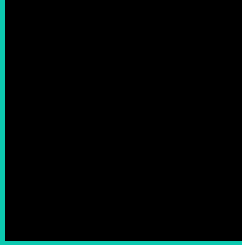
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

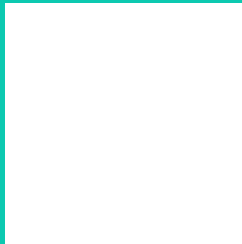
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 838064 Background



This preview shows how black text looks on a background with the Decimal color 838064.

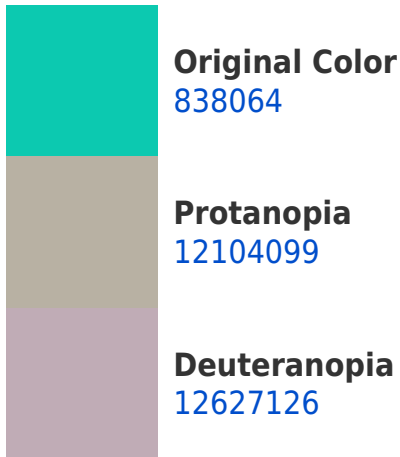


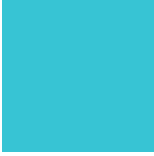
This preview shows how white text looks on a background with the Decimal color 838064.

# 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**  
3654868

# Trichromacy



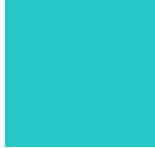
**Original Color**  
838064



**Protanomaly**  
7977640



**Deuteranomaly**  
8370100



**Tritanomaly**  
2606791

# Monochromacy



**Original Color**  
838064



**Achromatopsia**  
9342606



**Achromatomaly**  
6267802

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 838064 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 #0CC9B0 looks like.

```
.text, #text, p{  
    color:#0CC9B0  
}
```

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 #0CC9B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CC9B0
}
```

## Border

The CSS property to change the border of an element to Decimal 838064 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
#0CC9B0 }
```

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

```
.border{ border-color:#0CC9B0 }
```

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

Here you see how a box with a 4 pixel #0CC9B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CC9B0; -webkit-box-shadow:4px 4px  
4px 4px #0CC9B0; box-shadow:4px 4px 4px  
4px #0CC9B0 }
```

# Background

The CSS property to change the background color of an element to Decimal 838064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CC9B0 }
```

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

```
.background{ background-color:#0CC9B0 }
```

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