

Converting Colors

Decimal(48838)

Have a look what the booklet for
Decimal(48838) contains.

Decimal(48838)	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(48838)

Conversions

Conversions Part 1

Format	Color
Hex	00BEC6
RGB	0, 190, 198
RGB Percent	0%, 75%, 78%
CMY	1.0000, 0.2549, 0.2235
CMYK	1.00, 0.04, 0.00, 0.22
HSL	182°, 100%, 39%
HSV	182°, 100%, 78%
XYZ	28.6065, 40.9041, 59.8136
YIQ	134.1020, -115.8080, -37.7920

Conversions

Conversions Part 2

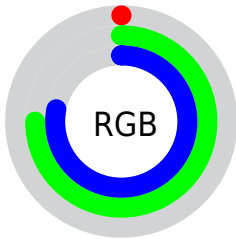
Format	Color
RYB	0, 97, 198
Decimal	48838
CIELab	70.11, -36.08, -15.34
CIELCh	70, 39.204, 203.027
Yxy	40.9041, 0.2212, 0.3163
Android (android.graphics.Color)	4278238918 (0xFF00BEC6)
YUV	134.1020, 31.5017, -117.6075
Hunter-Lab	63.9563, -32.0838, -10.6801

Details

The Decimal color **48838** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **12978176**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **6813695**, and **34960** is the 20% darker color. If you saturate the color by 10%, you get **48838**, and if you desaturate by 10%, it is **1359814**.

Distribution



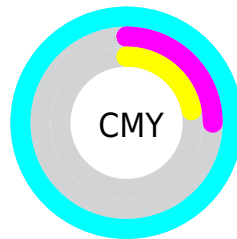
- Red (0%)
- Green (75%)
- Blue (78%)



- Red (0%)
- Yellow (38%)
- Blue (78%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)

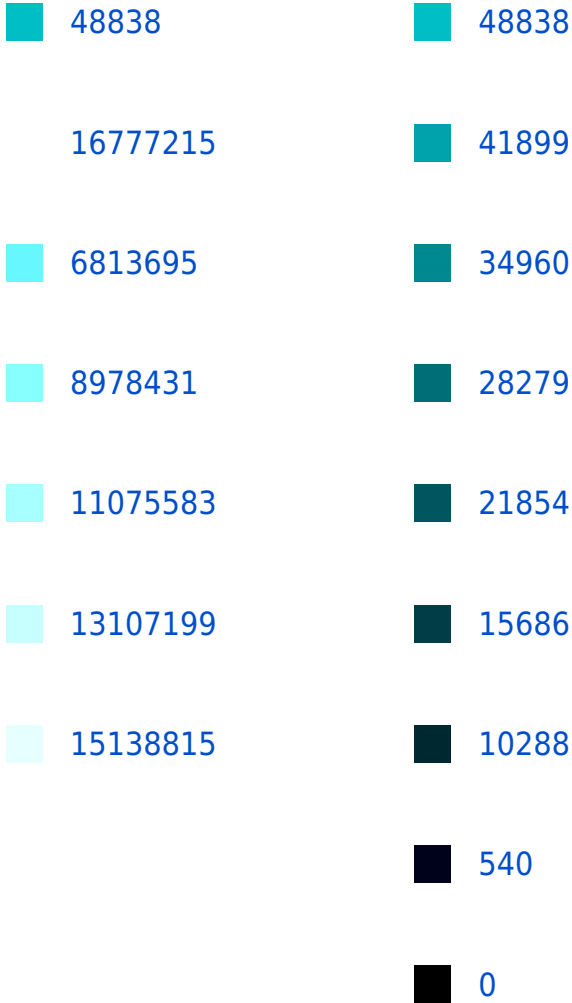


- Cyan (100%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 48838 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 48838 by changing the saturation by 10% instead.



 48838

■ 1359814

■ 2670790

■ 3915974

■ 5226950

■ 6537926

■ 7848902

■ 9159878

■ 10405062

■ 11716038

Harmonies

Analogous

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



5095074



48838



1882851

Triad

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



48838



13670615



13280868

Complementary

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



48838



12978176

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.



14981748



48838



15372469

Square

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



48838



10724845



15765905



10990184

Rectangle

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



48838



5354991



15765905



13935207

Sweetspot

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



48838



11795711



50695



5406336



0



8421504

Same Dimension

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



48838



62975



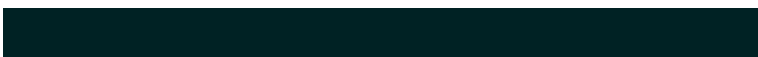
23750



5923683



40355



8740

Inverse Universe

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



12976318



16711925



13003264



6511203



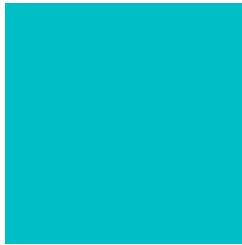
10682525



2359330

Previews

White Background



This preview shows how the Decimal color 48838 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 48838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

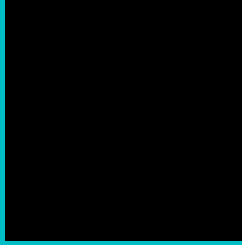
Any Text WCAG AA ✓ Pass

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 48838 Background



This preview shows how black text looks on a background with the Decimal color 48838.



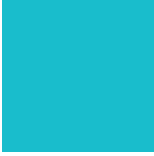
This preview shows how white text looks on a background with the Decimal color 48838.

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



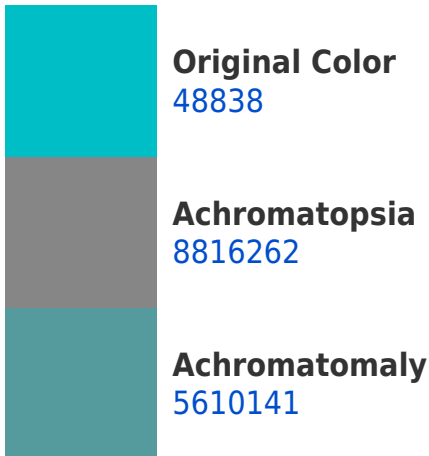


Tritanopia
1686988

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 48838 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 #00BEC6 looks like.

```
.text, #text, p{  
    color:#00BEC6  
}
```

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 #00BEC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BEC6
}
```

Border

The CSS property to change the border of an element to Decimal 48838 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
#00BEC6 }
```

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

```
.border{ border-color:#00BEC6 }
```

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

Here you see how a box with a 4 pixel #00BEC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BEC6; -webkit-box-shadow:4px 4px  
4px 4px #00BEC6; box-shadow:4px 4px 4px  
4px #00BEC6 }
```

Background

The CSS property to change the background color of an element to Decimal 48838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BEC6 }
```

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

```
.background{ background-color:#00BEC6 }
```

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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