

# Converting Colors

Decimal(50830)

Have a look what the booklet for  
Decimal(50830) contains.

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# **Color**

**Decimal(50830)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C68E
RGB	0, 198, 142
RGB Percent	0%, 78%, 56%
CMY	1.0000, 0.2235, 0.4431
CMYK	1.00, 0.00, 0.28, 0.22
HSL	163°, 100%, 39%
HSV	163°, 100%, 78%
XYZ	25.0766, 42.3412, 32.4422
YIQ	132.4140, -100.0320, -59.3920

# Conversions

## Conversions Part 2

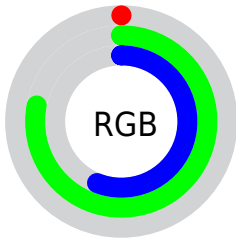
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 115, 198
Decimal	50830
CIELab	71.11, -54.77, 16.60
CIELCh	71, 57.229, 163.138
Yxy	42.3412, 0.2511, 0.4240
Android (android.graphics.Color)	4278240910 (0xFF00C68E)
YUV	132.4140, 4.7259, -116.1271
Hunter-Lab	65.0701, -45.0827, 15.9887

# Details

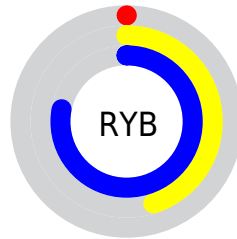
The Decimal color **50830** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **12976184**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **6619076**, and **36700** is the 20% darker color. If you saturate the color by 10%, you get **50830**, and if you desaturate by 10%, it is **1361556**.

# Distribution



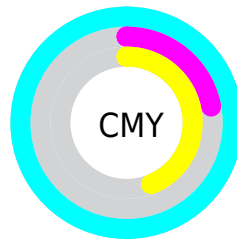
- Red (0%)
- Green (78%)
- Blue (56%)



- Red (0%)
- Yellow (45%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (22%)



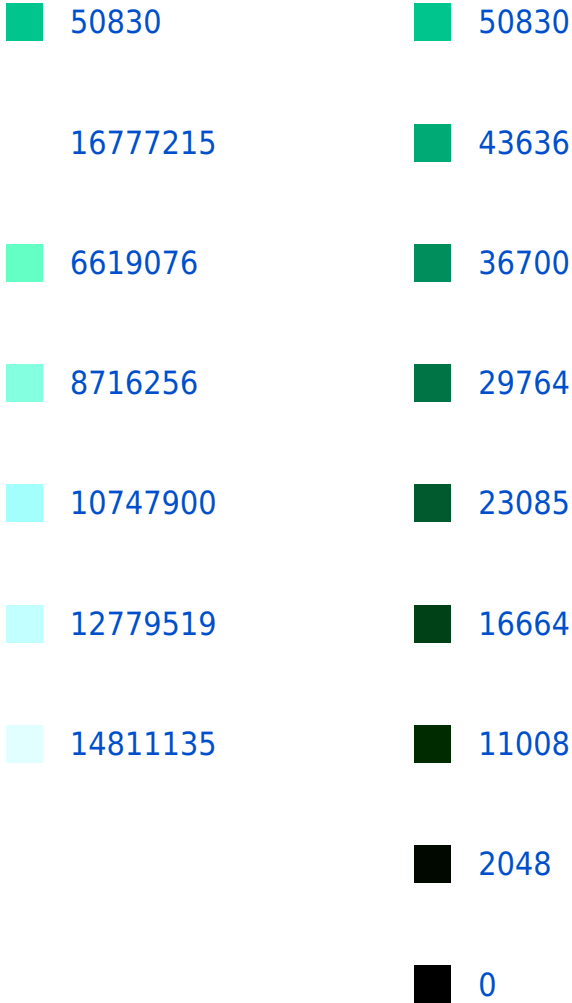
- Cyan (100%)
- Magenta (22%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 50830 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 50830 by changing the saturation by 10% instead.





 50830

 1361556


 2672281

 3917471


 5228196

 6538922

 7849648

 9160373

 10405563

 11716288

# Harmonies

## Analogous

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



8175454



50830



51396

# Triad

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



50830



8170751



16747881

# Complementary

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



50830



12976184

# 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.



16744857



50830



13604859

# Square

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



50830



48383



16745934



14983496

# Rectangle

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



50830



51174



16745934



16746616

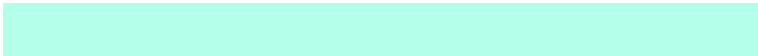


# Sweetspot

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



50830



11796457



3720704



5406835



0



8421504



# Same Dimension

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



50830



65463



39878



5923681



41845



9242



# Inverse Universe

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



12976184



16711752



12987136



6511196



10682414

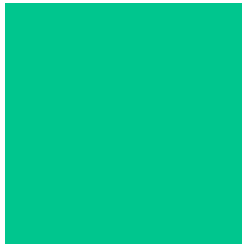


2359306



# Previews

## White Background



This preview shows how the Decimal color 50830 looks on a white background.

## Color Contrast Check

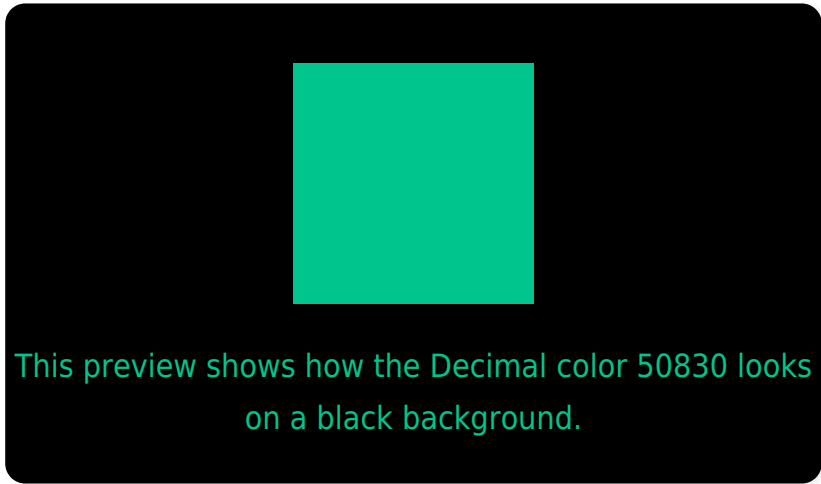
Large Text (above 18pt) WCAG AA × Fail

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

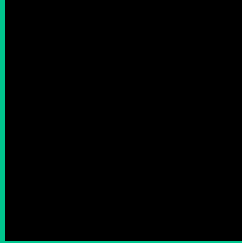
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 50830 Background



This preview shows how black text looks on a background with the Decimal color 50830.

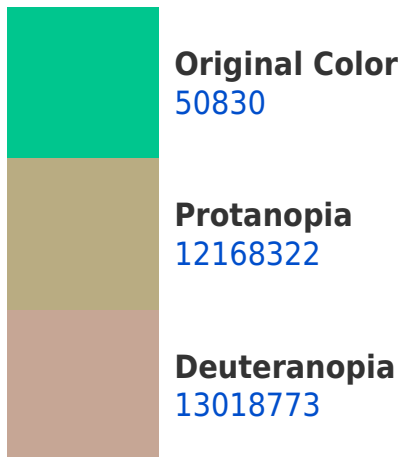


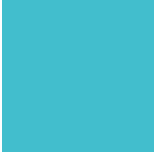
This preview shows how white text looks on a background with the Decimal color 50830.

# 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**  
4374221

# Trichromacy



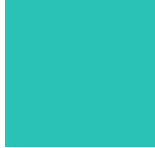
**Original Color**  
50830



**Protanomaly**  
7779718



**Deuteranomaly**  
8303250



**Tritanomaly**  
2802102

# Monochromacy



**Original Color**  
50830



**Achromatopsia**  
8684676



**Achromatomaly**  
5545096

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 50830 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 #00C68E looks like.

```
.text, #text, p{  
    color:#00C68E  
}
```

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 #00C68E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C68E
}
```

## Border

The CSS property to change the border of an element to Decimal 50830 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
#00C68E }
```

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

```
.border{ border-color:#00C68E }
```

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

Here you see how a box with a 4 pixel #00C68E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C68E; -webkit-box-shadow:4px 4px  
4px 4px #00C68E; box-shadow:4px 4px 4px  
4px #00C68E }
```

# Background

The CSS property to change the background color of an element to Decimal 50830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C68E }
```

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

```
.background{ background-color:#00C68E }
```

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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