

# Converting Colors

Decimal(50892)

Have a look what the booklet for  
Decimal(50892) contains.

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# **Color**

**Decimal(50892)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C6CC
RGB	0, 198, 204
RGB Percent	0%, 78%, 80%
CMY	1.0000, 0.2235, 0.2000
CMYK	1.00, 0.03, 0.00, 0.20
HSL	182°, 100%, 40%
HSV	182°, 100%, 80%
XYZ	31.0932, 44.7478, 64.1251
YIQ	139.4820, -119.9340, -40.1100

# Conversions

## Conversions Part 2

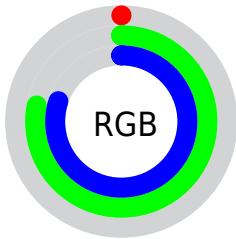
Format	Color
<b>RYB</b>	0, 100, 204
Decimal	50892
CIELab	72.73, -37.92, -14.67
CIELCh	73, 40.658, 201.148
Yxy	44.7478, 0.2221, 0.3197
Android (android.graphics.Color)	4278240972 (0xFF00C6CC)
YUV	139.4820, 31.8074, -122.3257
Hunter-Lab	66.8938, -34.0949, -10.0104

# Details

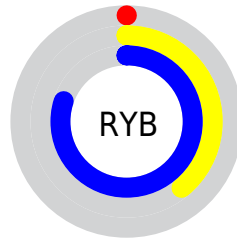
The Decimal color **50892** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **13370880**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **7012351**, and **36758** is the 20% darker color. If you saturate the color by 10%, you get **50892**, and if you desaturate by 10%, it is **1361868**.

# Distribution



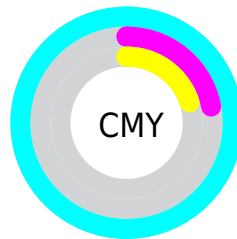
- Red (0%)
- Green (78%)
- Blue (80%)



- Red (0%)
- Yellow (39%)
- Blue (80%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



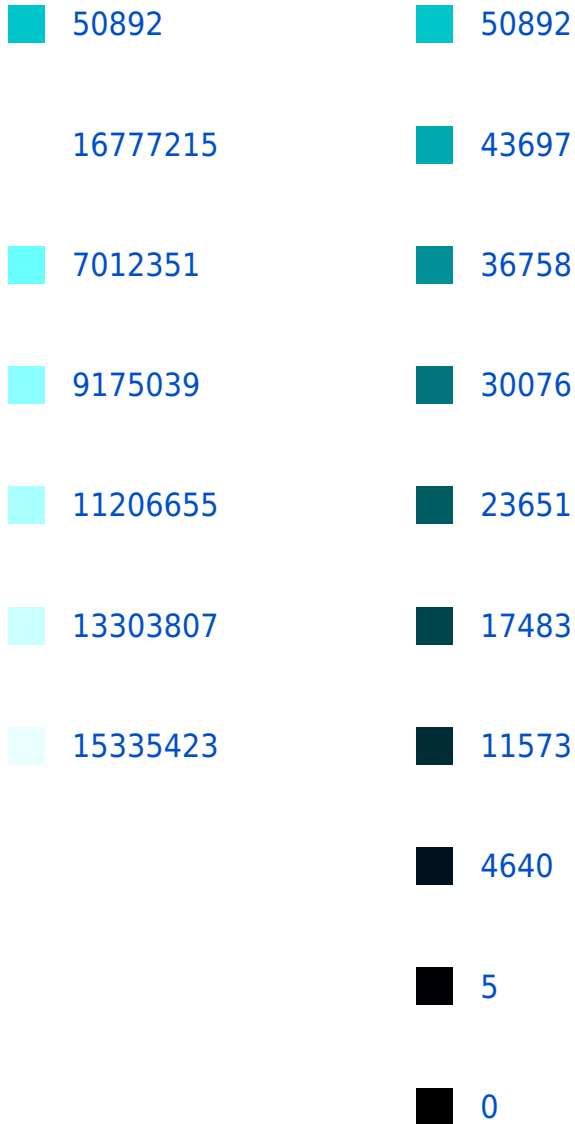
- Cyan (100%)
- Magenta (22%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 50892 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 50892 by changing the saturation by 10% instead.





■ 50892

■ 1361868

■ 2738124

■ 4049100

■ 5425356

■ 6736332

■ 8047308

■ 9423564

■ 10734540

■ 12110796

# Harmonies

## Analogous

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



5490342



50892



1164011

# Triad

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



50892



14131169



13937769

# Complementary

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



50892



13370880

# 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.



15704186



50892



15963839

# Square

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



50892



10923512



16488089



11581548

# Rectangle

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



50892



5160440



16488089



14657644



# Sweetspot

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



50892



11795967



52227



5406336



0



8421504



# Same Dimension

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



50892



63743



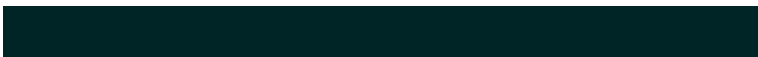
25548



605526



41382



9510



# Inverse Universe

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



13369542



16711928



13396224



6708326



10879137

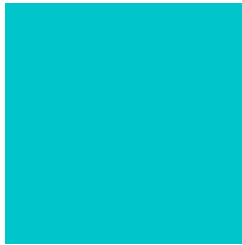


2490405



# Previews

## White Background



This preview shows how the Decimal color 50892 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 50892 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 50892 Background



This preview shows how black text looks on a background with the Decimal color 50892.



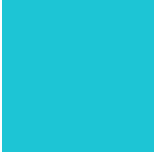
This preview shows how white text looks on a background with the Decimal color 50892.

# 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



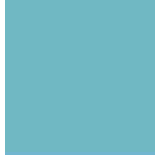


**Tritanopia**  
1951189

# Trichromacy



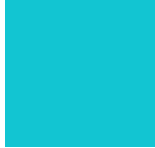
**Original Color**  
50892



**Protanomaly**  
7387331



**Deuteranomaly**  
7517904



**Tritanomaly**  
1230290

# Monochromacy



**Original Color**  
50892



**Achromatopsia**  
9145227



**Achromatomaly**  
5808291

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 50892 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 #00C6CC looks like.

```
.text, #text, p{  
    color:#00C6CC  
}
```

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 #00C6CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C6CC
}
```

## Border

The CSS property to change the border of an element to Decimal 50892 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
#00C6CC }
```

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

```
.border{ border-color:#00C6CC }
```

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

Here you see how a box with a 4 pixel #00C6CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C6CC; -webkit-box-shadow:4px 4px  
4px 4px #00C6CC; box-shadow:4px 4px 4px  
4px #00C6CC }
```

# Background

The CSS property to change the background color of an element to Decimal 50892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C6CC }
```

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

```
.background{ background-color:#00C6CC }
```

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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