

# Converting Colors

Decimal(52371)

Have a look what the booklet for  
Decimal(52371) contains.

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# **Color**

**Decimal(52371)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00CC93
RGB	0, 204, 147
RGB Percent	0%, 80%, 58%
CMY	1.0000, 0.2000, 0.4235
CMYK	1.00, 0.00, 0.28, 0.20
HSL	163°, 100%, 40%
HSV	163°, 100%, 80%
XYZ	26.8593, 45.2923, 34.9304
YIQ	136.5060, -103.2870, -60.9750

# Conversions

## Conversions Part 2

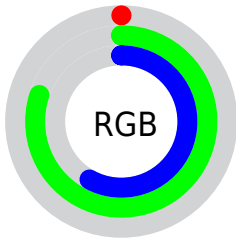
Format	Color
<a href="#">RYB</a>	<a href="#">0, 119, 204</a>
Decimal	<a href="#">52371</a>
CIELab	<a href="#">73.08, -55.87, 16.68</a>
CIELCh	<a href="#">73, 58.307, 163.377</a>
Yxy	<a href="#">45.2923, 0.2508, 0.4230</a>
Android (android.graphics.Color)	<a href="#">4278242451 (0xFF00CC93)</a>
YUV	<a href="#">136.5060, 5.1735, -119.7158</a>
Hunter-Lab	<a href="#">67.2996, -46.5347, 16.3365</a>

# Details

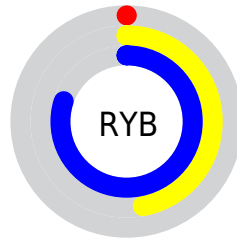
The Decimal color **52371** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **13369401**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **6750153**, and **37984** is the 20% darker color. If you saturate the color by 10%, you get **52371**, and if you desaturate by 10%, it is **1363097**.

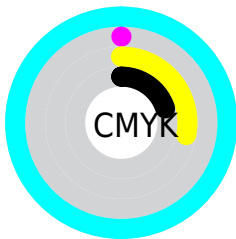
# Distribution



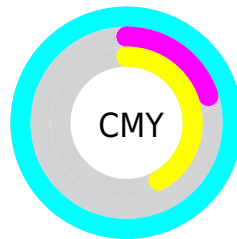
- Red (0%)
- Green (80%)
- Blue (58%)



- Red (0%)
- Yellow (47%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 52371 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 52371 by changing the saturation by 10% instead.





52371

 1363097

 2739358

 4050084

 5426346

 6737072

 8047797

 9424059

 10734785

 12111046

# Harmonies

## Analogous

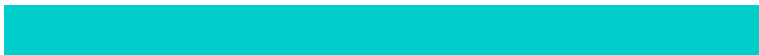
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8373602



52371



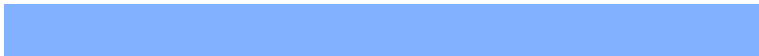
52938

# Triad

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



52371



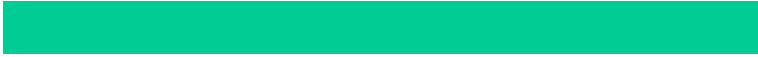
8499711



16749164

# Complementary

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



52371



13369401

# 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.



16745885



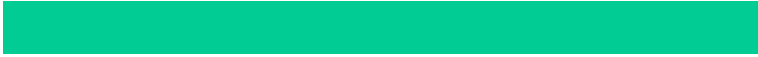
52371



14064895

# Square

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



52371



49919



16746963



15377994

# Rectangle

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



52371



52717



16746963



16747644

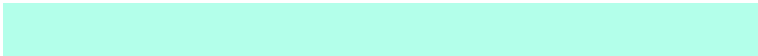


# Sweetspot

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



52371



11796458



3853312



5406835



0



8421504



# Same Dimension

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



52371



65464



41164



605523



42615



9756



# Inverse Universe

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



13369401



16711751



13380608



6708319



10879022

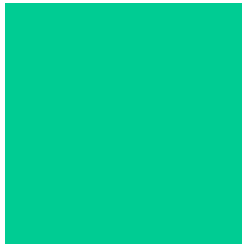


2490379



# Previews

## White Background



This preview shows how the Decimal color 52371 looks on a white background.

## Color Contrast Check

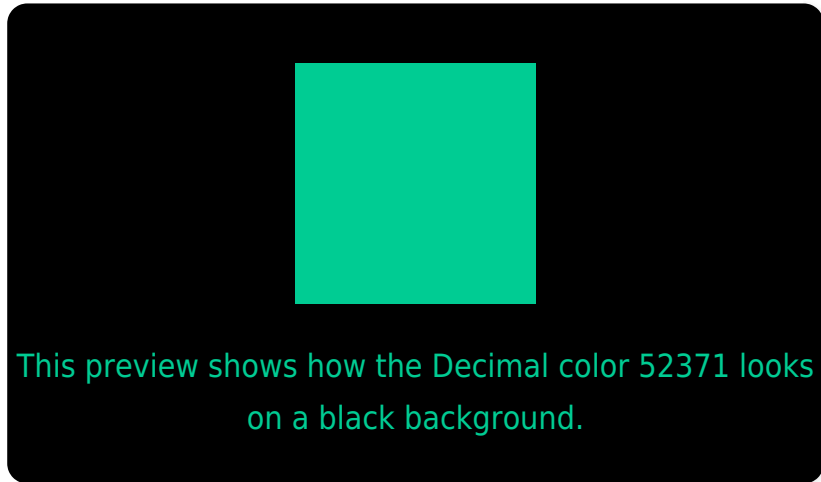
Large Text (above 18pt) WCAG AA × Fail

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

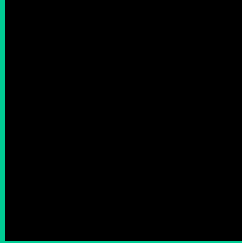
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 52371 Background



This preview shows how black text looks on a background with the Decimal color 52371.



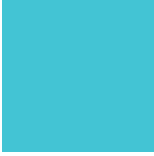
This preview shows how white text looks on a background with the Decimal color 52371.

# 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**  
4441300

# Trichromacy



**Original Color**

52371



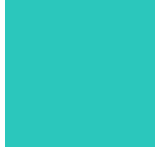
**Protanomaly**

7977867



**Deuteranomaly**

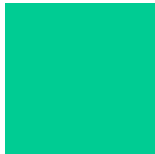
8566679



**Tritanomaly**

2869180

# Monochromacy



**Original Color**

52371



**Achromatopsia**

9013641



**Achromatomaly**

5742989

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 52371 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 #00CC93 looks like.

```
.text, #text, p{  
    color:#00CC93  
}
```

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 #00CC93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CC93
}
```

## Border

The CSS property to change the border of an element to Decimal 52371 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
#00CC93 }
```

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

```
.border{ border-color:#00CC93 }
```

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

Here you see how a box with a 4 pixel #00CC93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CC93; -webkit-box-shadow:4px 4px  
4px 4px #00CC93; box-shadow:4px 4px 4px  
4px #00CC93 }
```

# Background

The CSS property to change the background color of an element to Decimal 52371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CC93 }
```

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

```
.background{ background-color:#00CC93 }
```

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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