

Converting Colors

Decimal(51633)

Have a look what the booklet for
Decimal(51633) contains.

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Color

Decimal(51633)

Conversions

Conversions Part 1

Format	Color
Hex	00C9B1
RGB	0, 201, 177
RGB Percent	0%, 79%, 69%
CMY	1.0000, 0.2118, 0.3059
CMYK	1.00, 0.00, 0.12, 0.21
HSL	173°, 100%, 39%
HSV	173°, 100%, 79%
XYZ	28.8225, 44.9476, 48.7516
YIQ	138.1650, -112.0920, -50.0760

Conversions

Conversions Part 2

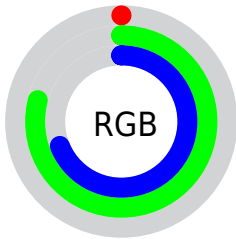
Format	Color
RYB	0, 107, 201
Decimal	51633
CIELab	72.86, -47.09, 0.20
CIELCh	73, 47.088, 179.760
Yxy	44.9476, 0.2352, 0.3669
Android (android.graphics.Color)	4278241713 (0xFF00C9B1)
YUV	138.1650, 19.1457, -121.1707
Hunter-Lab	67.0430, -40.5863, 3.8162

Details

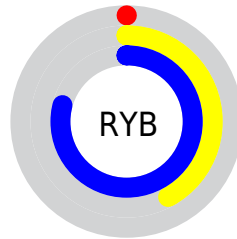
The Decimal color **51633** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **13172760**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **6815721**, and **37501** is the 20% darker color. If you saturate the color by 10%, you get **51633**, and if you desaturate by 10%, it is **1362355**.

Distribution



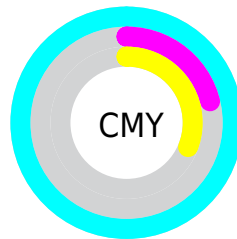
- Red (0%)
- Green (79%)
- Blue (69%)



- Red (0%)
- Yellow (42%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (21%)

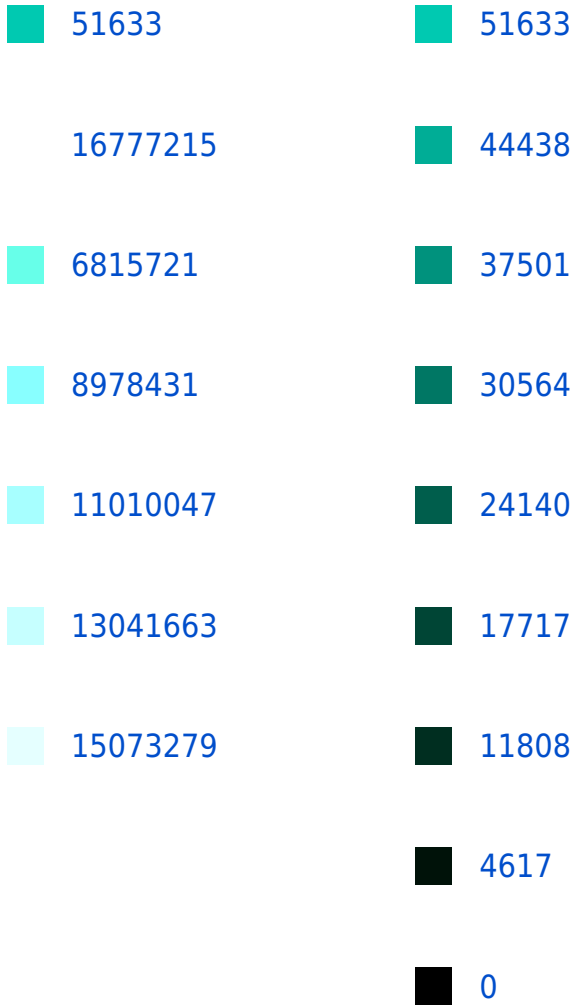


- Cyan (100%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 51633 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 51633 by changing the saturation by 10% instead.



51633

 1362355

 2673078

 3983800

 5294523

 6670781

 7981503

 9292226

 10602948

 11913671

Harmonies

Analogous

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



7128454



51633



51420

Triad

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



51633



11970814



15769961

Complementary

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



51633



13172760

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.



16749706



51633



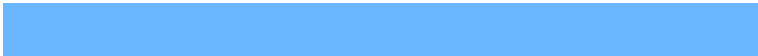
15243487

Square

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



51633



7059455



16748725



13545563

Rectangle

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



51633



50675



16748725



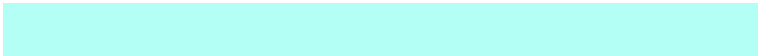
16292979

Sweetspot

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



51633



11796470



1820928



5406842



0



8421504

Same Dimension

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



51633



65505



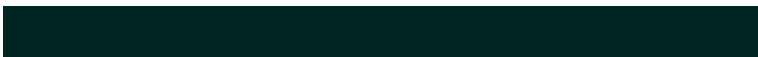
32713



5923682



41872



9247

Inverse Universe

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



13172760



16711710



13191680



6511195



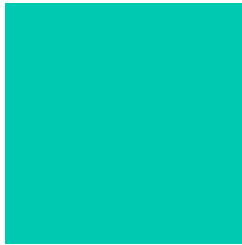
10682387



2359300

Previews

White Background



This preview shows how the Decimal color 51633 looks on a white background.

Color Contrast Check

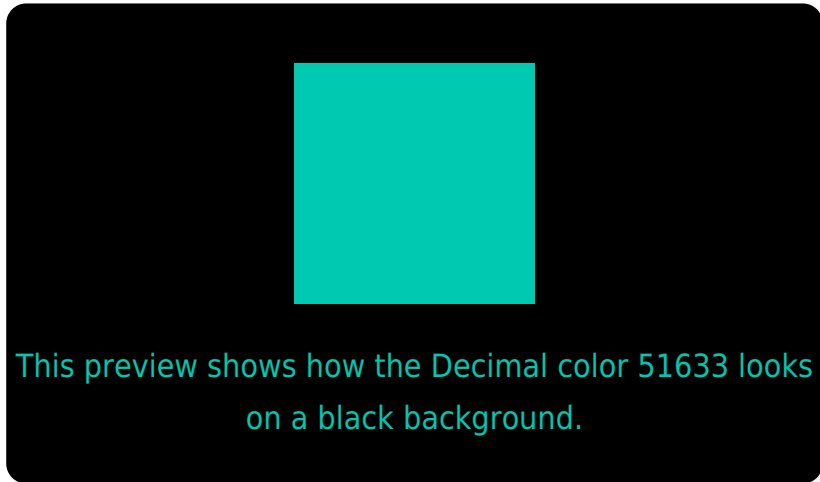
Large Text (above 18pt) WCAG AA × Fail

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

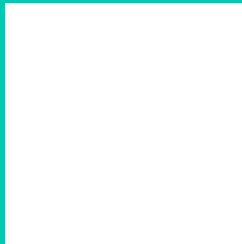
Any Text WCAG AAA ✓ Pass

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

Decimal 51633 Background



This preview shows how black text looks on a background with the Decimal color 51633.

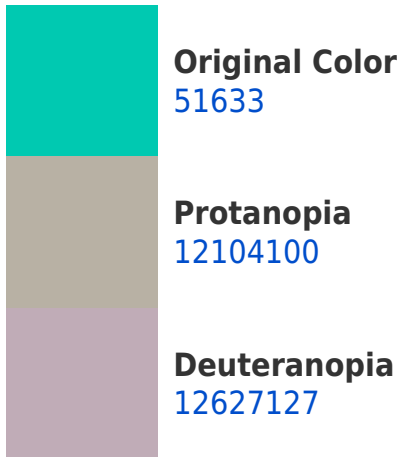


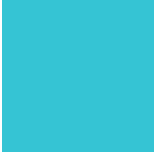
This preview shows how white text looks on a background with the Decimal color 51633.

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
3523796

Trichromacy



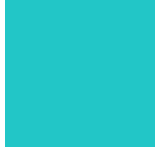
Original Color
51633



Protanomaly
7715497



Deuteranomaly
8042421



Tritanomaly
2279111

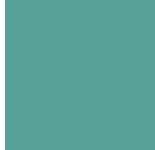
Monochromacy



Original Color
51633



Achromatopsia
9079434



Achromatomaly
5808536

CSS Examples

Text

The CSS property to change the color of the text to Decimal 51633 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 #00C9B1 looks like.

```
.text, #text, p{  
    color:#00C9B1  
}
```

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 #00C9B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C9B1
}
```

Border

The CSS property to change the border of an element to Decimal 51633 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
#00C9B1 }
```

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

```
.border{ border-color:#00C9B1 }
```

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

Here you see how a box with a 4 pixel #00C9B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C9B1; -webkit-box-shadow:4px 4px  
4px 4px #00C9B1; box-shadow:4px 4px 4px  
4px #00C9B1 }
```

Background

The CSS property to change the background color of an element to Decimal 51633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C9B1 }
```

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

```
.background{ background-color:#00C9B1 }
```

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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