

Converting Colors

Decimal(50593)

Have a look what the booklet for
Decimal(50593) contains.

Decimal(50593)	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(50593)

Conversions

Conversions Part 1

Format	Color
Hex	00C5A1
RGB	0, 197, 161
RGB Percent	0%, 77%, 63%
CMY	1.0000, 0.2275, 0.3686
CMYK	1.00, 0.00, 0.18, 0.23
HSL	169°, 100%, 39%
HSV	169°, 100%, 77%
XYZ	26.3993, 42.5057, 40.5313
YIQ	133.9930, -105.8560, -52.9600

Conversions

Conversions Part 2

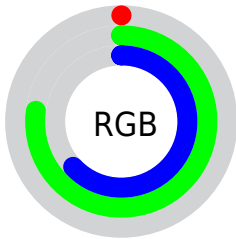
Format	Color
RYB	0, 108, 197
Decimal	50593
CIELab	71.22, -49.71, 6.51
CIElCh	71, 50.136, 172.545
Yxy	42.5057, 0.2412, 0.3884
Android (android.graphics.Color)	4278240673 (0xFF00C5A1)
YUV	133.9930, 13.3145, -117.5119
Hunter-Lab	65.1964, -41.8156, 8.7781

Details

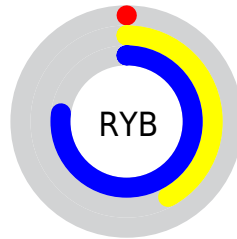
The Decimal color **50593** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **12910628**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **6684632**, and **36462** is the 20% darker color. If you saturate the color by 10%, you get **50593**, and if you desaturate by 10%, it is **1361317**.

Distribution



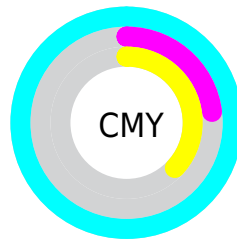
- Red (0%)
- Green (77%)
- Blue (63%)



- Red (0%)
- Yellow (42%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (23%)

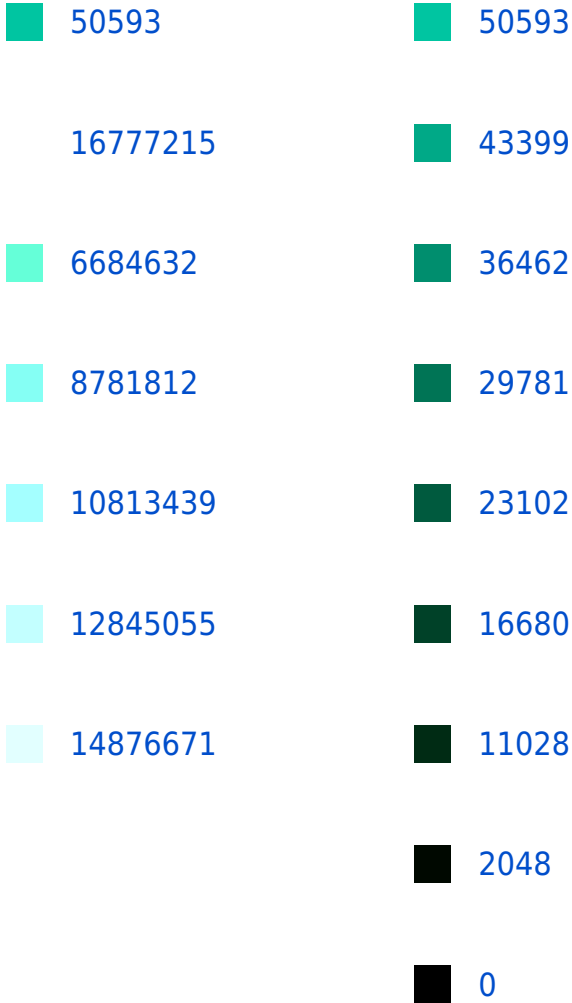


- Cyan (100%)
- Magenta (23%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 50593 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 50593 by changing the saturation by 10% instead.



50593

■ 1361317

■ 2606504

■ 3917228

■ 5227951

■ 6538675

■ 7783863

■ 9094586

■ 10405310

■ 11650497

Harmonies

Analogous

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



7454837



50593



50640

Triad

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



50593



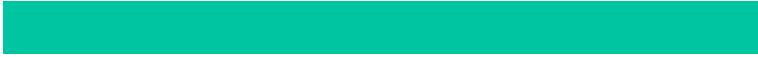
10528767



16095079

Complementary

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



50593



12910628

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.



16747150



50593



14456294

Square

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



50593



3979263



16615868



13936722

Rectangle

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



50593



50155



16615868



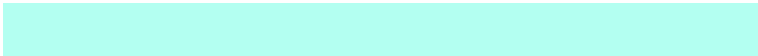
16552563

Sweetspot

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



50593



11796465



2409728



5406839



0



8421504

Same Dimension

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



50593



65488



34757



5923682



41861



9245

Inverse Universe

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



12910628



16711727



12926464



6511195



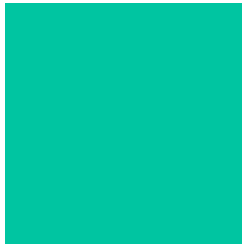
10682398



2359303

Previews

White Background



This preview shows how the Decimal color 50593 looks on a white background.

Color Contrast Check

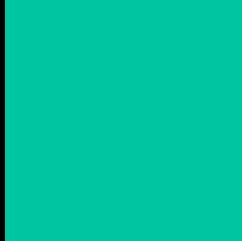
Large Text (above 18pt) WCAG AA × Fail

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 50593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

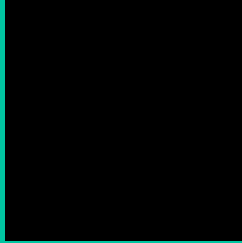
Any Text WCAG AA ✓ Pass

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 50593 Background



This preview shows how black text looks on a background with the Decimal color 50593.



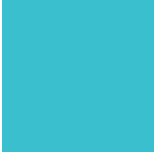
This preview shows how white text looks on a background with the Decimal color 50593.

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](#).

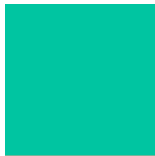
Dichromacy





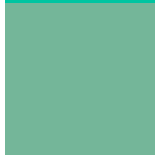
Tritanopia
3850190

Trichromacy



Original Color

50593



Protanomaly

7648921



Deuteranomaly

8041125



Tritanomaly

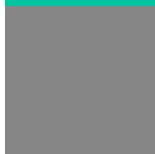
2474430

Monochromacy



Original Color

50593



Achromatopsia

8816262



Achromatomaly

5610896

CSS Examples

Text

The CSS property to change the color of the text to Decimal 50593 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 #00C5A1 looks like.

```
.text, #text, p{  
    color:#00C5A1  
}
```

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 #00C5A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C5A1
}
```

Border

The CSS property to change the border of an element to Decimal 50593 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
#00C5A1 }
```

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

```
.border{ border-color:#00C5A1 }
```

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

Here you see how a box with a 4 pixel #00C5A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C5A1; -webkit-box-shadow:4px 4px  
4px 4px #00C5A1; box-shadow:4px 4px 4px  
4px #00C5A1 }
```

Background

The CSS property to change the background color of an element to Decimal 50593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C5A1 }
```

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

```
.background{ background-color:#00C5A1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor