

Converting Colors

Decimal(51678)

Have a look what the booklet for
Decimal(51678) contains.

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Color

Decimal(51678)

Conversions

Conversions Part 1

Format	Color
Hex	00C9DE
RGB	0, 201, 222
RGB Percent	0%, 79%, 87%
CMY	1.0000, 0.2118, 0.1294
CMYK	1.00, 0.09, 0.00, 0.13
HSL	186°, 100%, 44%
HSV	186°, 100%, 87%
XYZ	34.0715, 47.0472, 76.3925
YIQ	143.2950, -126.5370, -36.0810

Conversions

Conversions Part 2

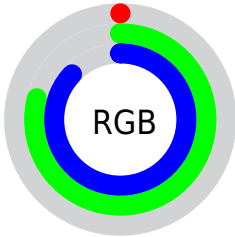
Format	Color
RYB	0, 105, 222
Decimal	51678
CIELab	74.22, -33.69, -22.16
CIELCh	74, 40.331, 213.337
Yxy	47.0472, 0.2163, 0.2987
Android (android.graphics.Color)	4278241758 (0xFF00C9DE)
YUV	143.2950, 38.8016, -125.6697
Hunter-Lab	68.5910, -31.3672, -18.0200

Details

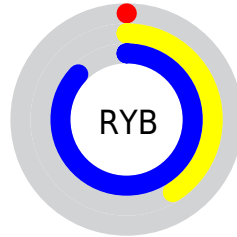
The Decimal color **51678** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **14554368**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **7208959**, and **37543** is the 20% darker color. If you saturate the color by 10%, you get **51678**, and if you desaturate by 10%, it is **1493982**.

Distribution



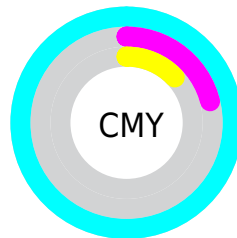
- Red (0%)
- Green (79%)
- Blue (87%)



- Red (0%)
- Yellow (41%)
- Blue (87%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 51678 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 51678 by changing the saturation by 10% instead.



■ 51678

■ 1493982

■ 2936286

■ 4444126

■ 5886430

■ 7328990

■ 8771294

■ 10213598

■ 11721438

■ 13163742

Harmonies

Analogous

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



4311738



51678



4441080

Triad

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



51678



15310808



13350508

Complementary

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



51678



14554368

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.



15378805



51678



16619956

Square

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



51678



12626932



16555664



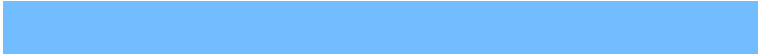
10797175

Rectangle

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



51678



7454207



16555664



14070125

Sweetspot

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



51678



11794687



56850



5405568



0



8421504

Same Dimension

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



51678



59391



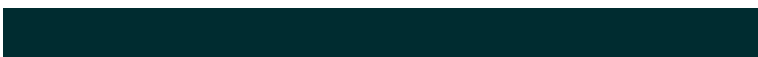
24030



6647664



40880



11312

Inverse Universe

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



14549193



16711911



14582272



7365999



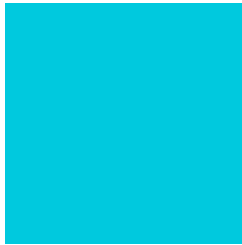
11534495



3145772

Previews

White Background



This preview shows how the Decimal color 51678 looks on a white background.

Color Contrast Check

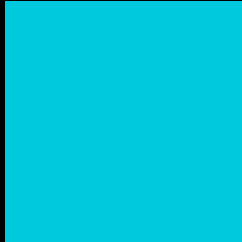
Large Text (above 18pt) WCAG AA × Fail

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 51678 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 51678 Background



This preview shows how black text looks on a background with the Decimal color 51678.

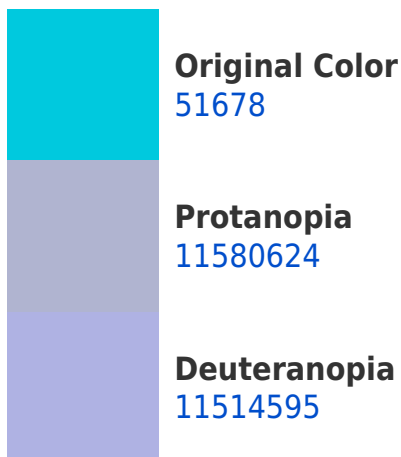


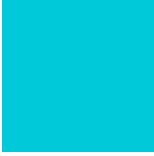
This preview shows how white text looks on a background with the Decimal color 51678.

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



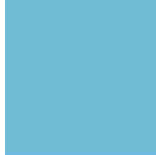


Tritanopia
51674

Trichromacy



Original Color
51678



Protanomaly
7388373



Deuteranomaly
7322337



Tritanomaly
51675

Monochromacy



Original Color
51678



Achromatopsia
9408399



Achromatomaly
6005932

CSS Examples

Text

The CSS property to change the color of the text to Decimal 51678 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 #00C9DE looks like.

```
.text, #text, p{  
    color:#00C9DE  
}
```

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 #00C9DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C9DE
}
```

Border

The CSS property to change the border of an element to Decimal 51678 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
#00C9DE }
```

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

```
.border{ border-color:#00C9DE }
```

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

Here you see how a box with a 4 pixel #00C9DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C9DE; -webkit-box-shadow:4px 4px  
4px 4px #00C9DE; box-shadow:4px 4px 4px  
4px #00C9DE }
```

Background

The CSS property to change the background color of an element to Decimal 51678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C9DE }
```

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

```
.background{ background-color:#00C9DE }
```

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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