

Converting Colors

Decimal(381395)

Have a look what the booklet for
Decimal(381395) contains.

Decimal(381395)	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(381395)

Conversions

Conversions Part 1

Format	Color
Hex	05D1D3
RGB	5, 209, 211
RGB Percent	2%, 82%, 83%
CMY	0.9804, 0.1804, 0.1725
CMYK	0.98, 0.01, 0.00, 0.17
HSL	181°, 95%, 42%
HSV	181°, 98%, 83%
XYZ	34.6209, 50.3363, 69.5192
YIQ	148.2320, -122.2260, -42.6260

Conversions

Conversions Part 2

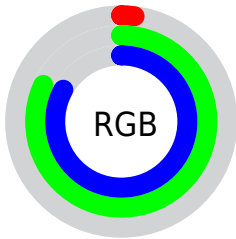
Format	Color
RYB	5, 107, 211
Decimal	381395
CIELab	76.28, -40.65, -13.12
CIELCh	76, 42.720, 197.889
Yxy	50.3363, 0.2241, 0.3259
Android (android.graphics.Color)	4278571475 (0xFF05D1D3)
YUV	148.2320, 30.9446, -125.6145
Hunter-Lab	70.9481, -37.0556, -8.4322

Details

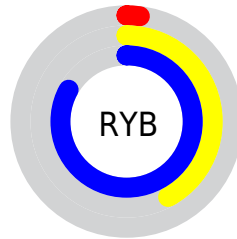
The Decimal color **381395** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **13829893**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **7208959**, and **39581** is the 20% darker color. If you saturate the color by 10%, you get **53715**, and if you desaturate by 10%, it is **1757651**.

Distribution



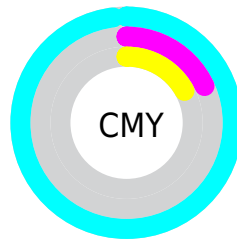
- Red (2%)
- Green (82%)
- Blue (83%)



- Red (2%)
- Yellow (42%)
- Blue (83%)



- Cyan (98%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)

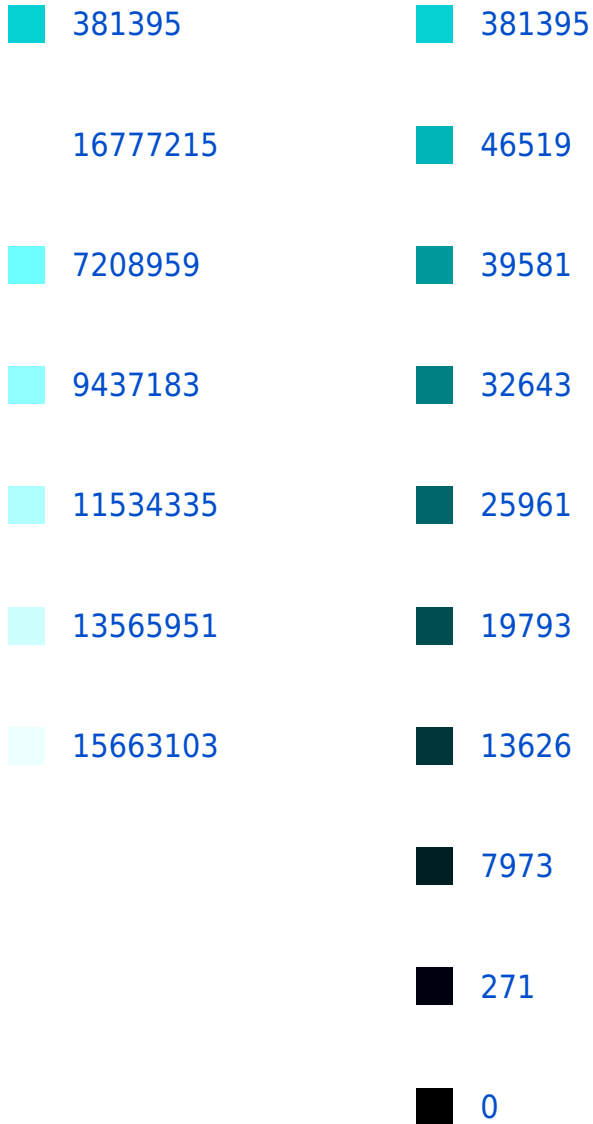


- Cyan (98%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 381395 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 381395 by changing the saturation by 10% instead.



■ 381395

■ 381395

■ 53715

■ 1757651

■ 3133907

■ 4510419

■ 5886675

■ 7328467

■ 8704723

■ 10080979

■ 11457491

■ 12833747

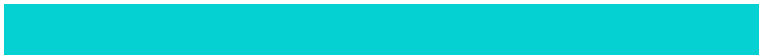
Harmonies

Analogous

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



6082730



381395



52726

Triad

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



381395



14592497



14988399

Complementary

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



381395



13829893

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.



16754563



381395



16752590

Square

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



381395



11122943



16752294



12501359

Rectangle

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



381395



4770047



16752294



15642739

Sweetspot

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



381395



11927295



381701



5472128



0



8421504

Same Dimension

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



381395



65023



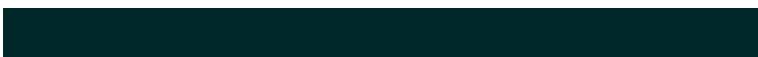
355539



6187113



42920



10281

Inverse Universe

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



13829585



16711933



13855749



6905448



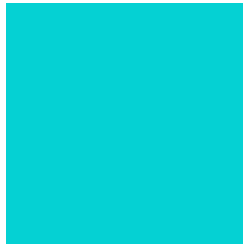
11010215



2687016

Previews

White Background



This preview shows how the Decimal color 381395 looks on a white background.

Color Contrast Check

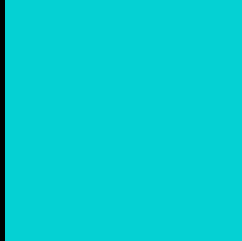
Large Text (above 18pt) WCAG AA × Fail

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 381395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

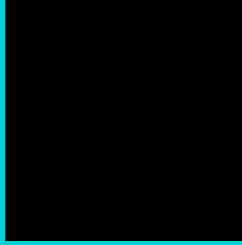
Any Text WCAG AA ✓ Pass

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 381395 Background



This preview shows how black text looks on a background with the Decimal color 381395.

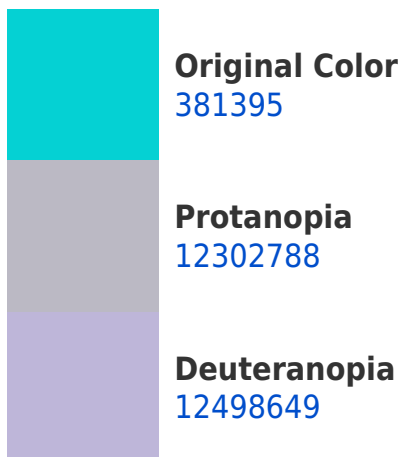


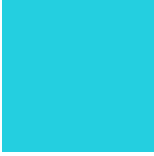
This preview shows how white text looks on a background with the Decimal color 381395.

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



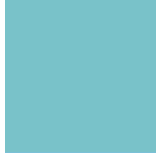


Tritanopia
2412512

Trichromacy



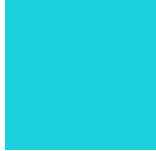
Original Color
381395



Protanomaly
7979721



Deuteranomaly
8110295

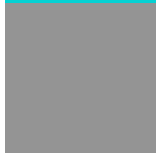


Tritanomaly
1691867

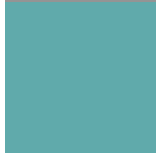
Monochromacy



Original Color
381395



Achromatopsia
9737364



Achromatomaly
6335147

CSS Examples

Text

The CSS property to change the color of the text to Decimal 381395 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 #05D1D3 looks like.

```
.text, #text, p{  
    color:#05D1D3  
}
```

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 #05D1D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05D1D3
}
```

Border

The CSS property to change the border of an element to Decimal 381395 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
#05D1D3 }
```

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

```
.border{ border-color:#05D1D3 }
```

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

Here you see how a box with a 4 pixel #05D1D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05D1D3; -webkit-box-shadow:4px 4px  
4px 4px #05D1D3; box-shadow:4px 4px 4px  
4px #05D1D3 }
```

Background

The CSS property to change the background color of an element to Decimal 381395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05D1D3 }
```

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

```
.background{ background-color:#05D1D3 }
```

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