

Converting Colors

Decimal(318381)

Have a look what the booklet for
Decimal(318381) contains.

Decimal(318381)	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(318381)

Conversions

Conversions Part 1

Format	Color
Hex	04DBAD
RGB	4, 219, 173
RGB Percent	2%, 86%, 68%
CMY	0.9843, 0.1412, 0.3216
CMYK	0.98, 0.00, 0.21, 0.14
HSL	167°, 96%, 44%
HSV	167°, 98%, 86%
XYZ	32.9244, 53.7060, 48.1662
YIQ	149.4710, -113.3740, -59.8860

Conversions

Conversions Part 2

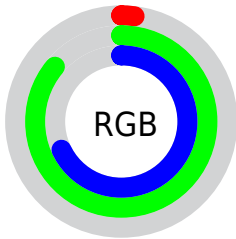
Format	Color
RYB	4, 124, 219
Decimal	318381
CIELab	78.29, -55.27, 10.18
CIELCh	78, 56.199, 169.565
Yxy	53.7060, 0.2443, 0.3984
Android (android.graphics.Color)	4278508461 (0xFF04DBAD)
YUV	149.4710, 11.5998, -127.5781
Hunter-Lab	73.2844, -48.0531, 12.3307

Details

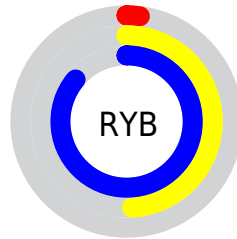
The Decimal color **318381** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **14353458**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **7077860**, and **41849** is the 20% darker color. If you saturate the color by 10%, you get **56236**, and if you desaturate by 10%, it is **1760178**.

Distribution



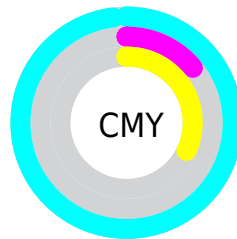
- Red (2%)
- Green (86%)
- Blue (68%)



- Red (2%)
- Yellow (49%)
- Blue (86%)



- Cyan (98%)
- Magenta (0%)
- Yellow (21%)
- Black (14%)




- Cyan (98%)
- Magenta (14%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 318381 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 318381 by changing the saturation by 10% instead.

 318381  318381


16777215  49042

 7077860  41849

 9306111  34912

 11403263  27976

 13434879  21554

 15466495  15132

 9220

 0

 318381  318381

■ 56236

■ 1760178

■ 3201974

■ 4643771

■ 6085568

■ 7527364

■ 8903625

■ 10345422

■ 11787218

■ 13229015

Harmonies

Analogous

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



8574331



318381



56547

Triad

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



318381



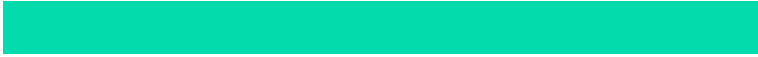
11058175



16754036

Complementary

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



318381



14353458

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.



16750497



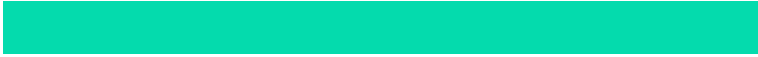
318381



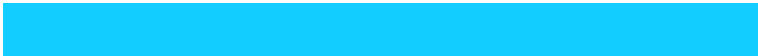
15771647

Square

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



318381



1232383



16750550



15775833

Rectangle

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



318381



56063



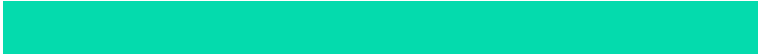
16750550



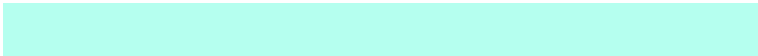
16752514

Sweetspot

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



318381



11927535



3398404



5472374



0



8421504

Same Dimension

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



318381



65480



302811



6516331



44424



11812

Inverse Universe

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



14353458



16711735



14369028



7234405



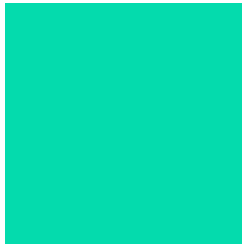
11337765



3014666

Previews

White Background



This preview shows how the Decimal color 318381 looks on a white background.

Color Contrast Check

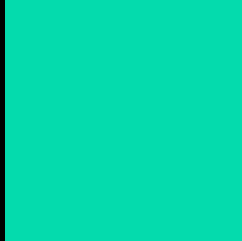
Large Text (above 18pt) WCAG AA × Fail

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 318381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

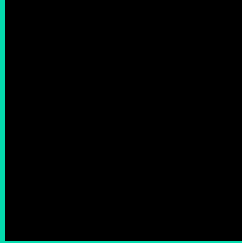
Any Text WCAG AA ✓ Pass

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 318381 Background



This preview shows how black text looks on a background with the Decimal color 318381.



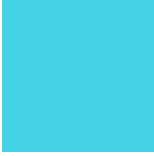
This preview shows how white text looks on a background with the Decimal color 318381.

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
4445157

Trichromacy



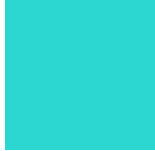
Original Color
318381



Protanomaly
8637092

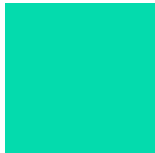


Deuteranomaly
9094577



Tritanomaly
2938577

Monochromacy



Original Color
318381



Achromatopsia
9803157



Achromatomaly
6336158

CSS Examples

Text

The CSS property to change the color of the text to Decimal 318381 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 #04DBAD looks like.

```
.text, #text, p{  
    color:#04DBAD  
}
```

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 #04DBAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04DBAD
}
```

Border

The CSS property to change the border of an element to Decimal 318381 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
#04DBAD }
```

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

```
.border{ border-color:#04DBAD }
```

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

Here you see how a box with a 4 pixel #04DBAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04DBAD; -webkit-box-shadow:4px 4px  
4px 4px #04DBAD; box-shadow:4px 4px 4px  
4px #04DBAD }
```

Background

The CSS property to change the background color of an element to Decimal 318381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04DBAD }
```

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

```
.background{ background-color:#04DBAD }
```

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