

Converting Colors

Decimal(298416)

Have a look what the booklet for
Decimal(298416) contains.

Decimal(298416)	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(298416)

Conversions

Conversions Part 1

Format	Color
Hex	048DB0
RGB	4, 141, 176
RGB Percent	2%, 55%, 69%
CMY	0.9843, 0.4471, 0.3098
CMYK	0.98, 0.20, 0.00, 0.31
HSL	192°, 96%, 35%
HSV	192°, 98%, 69%
XYZ	17.4114, 22.2102, 44.4436
YIQ	104.0270, -92.8870, -18.1590

Conversions

Conversions Part 2

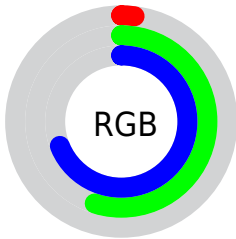
Format	Color
RYB	4, 80, 176
Decimal	298416
CIELab	54.25, -18.83, -27.24
CIELCh	54, 33.115, 235.343
Yxy	22.2102, 0.2071, 0.2642
Android (android.graphics.Color)	4278488496 (0xFF048DB0)
YUV	104.0270, 35.4827, -87.7237
Hunter-Lab	47.1277, -16.5261, -22.9239

Details

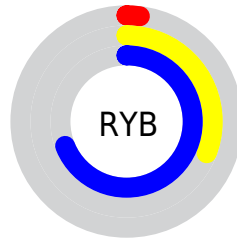
The Decimal color **298416** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **11544324**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **6210536**, and **23419** is the 20% darker color. If you saturate the color by 10%, you get **36016**, and if you desaturate by 10%, it is **1479088**.

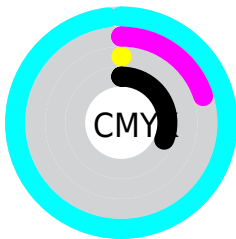
Distribution



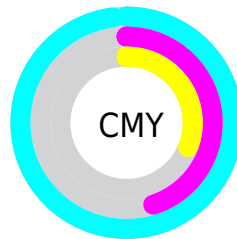
- Red (2%)
- Green (55%)
- Blue (69%)



- Red (2%)
- Yellow (31%)
- Blue (69%)



- Cyan (98%)
- Magenta (20%)
- Yellow (0%)
- Black (31%)



- Cyan (98%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 298416 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 298416 by changing the saturation by 10% instead.

 298416  298416

16777215  29589

 6210536  23419

 8249343  17250

 10222591  11594

 12189695  6707

 14155775  542

 16121855  0

 298416  298416

 36016  1479088

■ 2593968

■ 3774640

■ 4889520

■ 6070192

■ 7250608

■ 8365744

■ 9546416

■ 10661296

Harmonies

Analogous

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



37017



298416



5146298

Triad

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



298416



11889543



8095565

Complementary

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



298416



11544324

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.



9994056



298416



12152171

Square

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



298416



10580643



11433044



5934688

Rectangle

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



298416



7372985



11433044



8815945

Sweetspot

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



298416



10737894



307238



4942707



15921906



7566195

Same Dimension

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



298416



47078



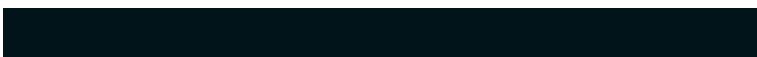
276656



5265241



31385



5146

Inverse Universe

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



11535501



15073463



11566084



5853271



10027130



1703956

Previews

White Background



This preview shows how the Decimal color 298416 looks on a white background.

Color Contrast Check

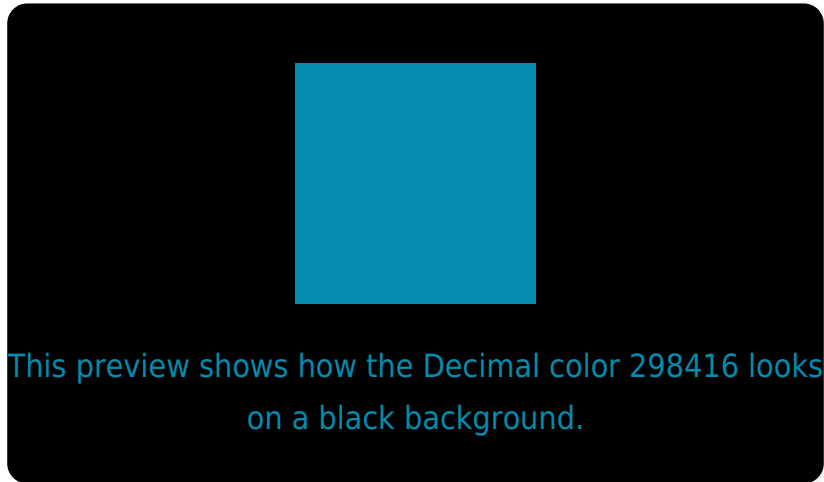
Large Text (above 18pt) WCAG AA ✓ Pass

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

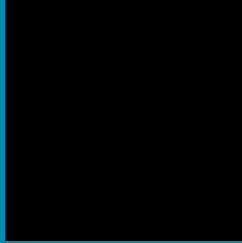
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 298416 Background



This preview shows how black text looks on a background with the Decimal color 298416.

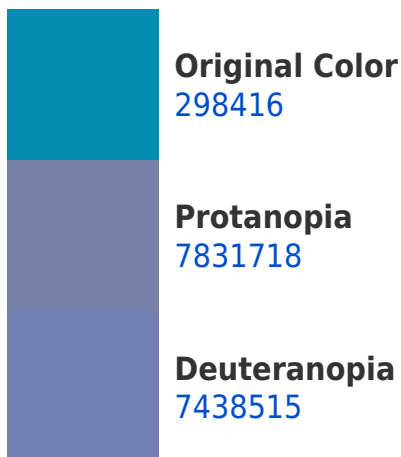


This preview shows how white text looks on a background with the Decimal color 298416.

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](#).

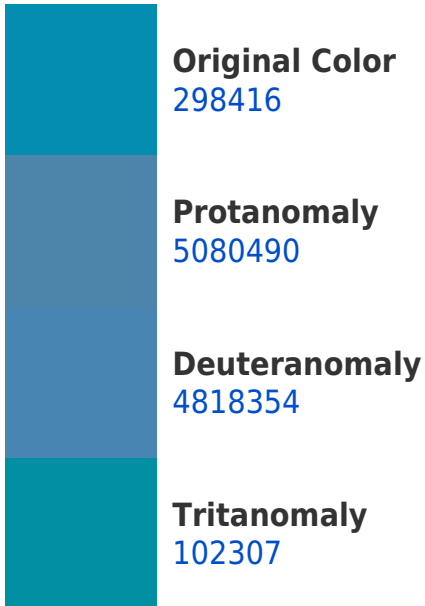
Dichromacy





Tritanopia
37019

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 298416 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 #048DB0 looks like.

```
.text, #text, p{  
  color:#048DB0  
}
```

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 #048DB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #048DB0
}
```

Border

The CSS property to change the border of an element to Decimal 298416 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
#048DB0 }
```

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

```
.border{ border-color:#048DB0 }
```

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

Here you see how a box with a 4 pixel #048DB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #048DB0; -webkit-box-shadow:4px 4px  
4px 4px #048DB0; box-shadow:4px 4px 4px  
4px #048DB0 }
```

Background

The CSS property to change the background color of an element to Decimal 298416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#048DB0 }
```

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

```
.background{ background-color:#048DB0 }
```

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