

Converting Colors

Decimal(40876)

Have a look what the booklet for
Decimal(40876) contains.

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Color

Decimal(40876)

Conversions

Conversions Part 1

Format	Color
Hex	009FAC
RGB	0, 159, 172
RGB Percent	0%, 62%, 67%
CMY	1.0000, 0.3765, 0.3255
CMYK	1.00, 0.08, 0.00, 0.33
HSL	185°, 100%, 34%
HSV	185°, 100%, 67%
XYZ	19.8445, 27.7748, 43.3449
YIQ	112.9410, -98.9370, -29.6650

Conversions

Conversions Part 2

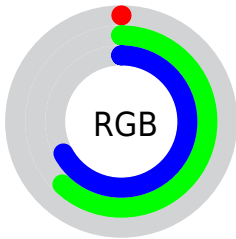
Format	Color
RYB	0, 83, 172
Decimal	40876
CIELab	59.68, -29.60, -16.63
CIELCh	60, 33.958, 209.332
Yxy	27.7748, 0.2182, 0.3053
Android (android.graphics.Color)	4278230956 (0xFF009FAC)
YUV	112.9410, 29.1161, -99.0493
Hunter-Lab	52.7018, -25.0152, -11.8721

Details

The Decimal color **40876** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11275520**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **6280931**, and **27512** is the 20% darker color. If you saturate the color by 10%, you get **40876**, and if you desaturate by 10%, it is **1155244**.

Distribution



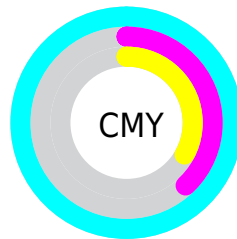
- Red (0%)
- Green (62%)
- Blue (67%)



- Red (0%)
- Yellow (33%)
- Blue (67%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)



















- Cyan (100%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 40876 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 40876 by changing the saturation by 10% instead.

 40876	 40876
 16777215	 34193
 6280931	 27512
 8319999	 21087
 10289151	 15175
 12255231	 9521
 14221311	 541
 16252927	 0

 40876

 1155244

■ 2269868

■ 3449772

■ 4564140

■ 5678764

■ 6793132

■ 7907500

■ 9087404

■ 10202028

Harmonies

Analogous

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



3645582



40876



2792386

Triad

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



40876



11894447



10784339

Complementary

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



40876



11275520

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.



12354397



40876



13072530

Square

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



40876



9603268



13204340



8755035

Rectangle

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



40876



5347018



13204340



11373141

Sweetspot

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



40876



10345440



44043



4746608



15790320



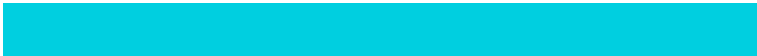
7368816

Same Dimension

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



40876



53216



19372



5133911



35734



5399

Inverse Universe

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



11272351



14680271



11297024



5721686



9830539



1507349

Previews

White Background



This preview shows how the Decimal color 40876 looks on a white background.

Color Contrast Check

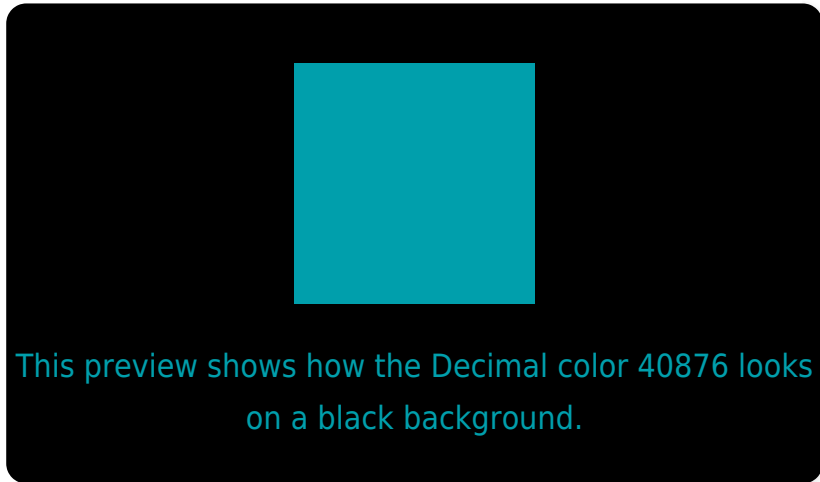
Large Text (above 18pt) WCAG AA ✓ Pass

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

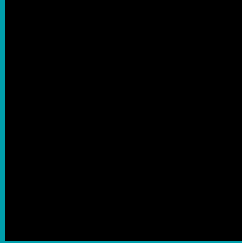
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

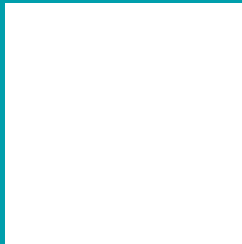
Any Text WCAG AAA × Fail

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

Decimal 40876 Background



This preview shows how black text looks on a background with the Decimal color 40876.

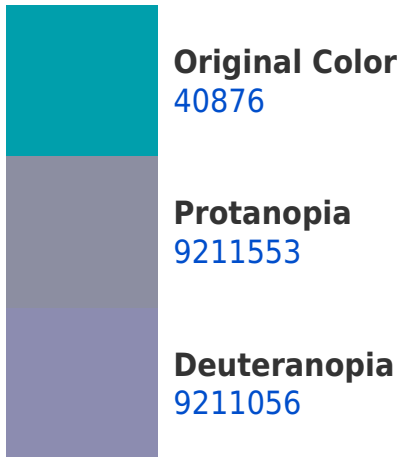


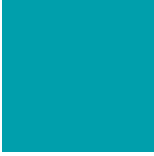
This preview shows how white text looks on a background with the Decimal color 40876.

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](#).

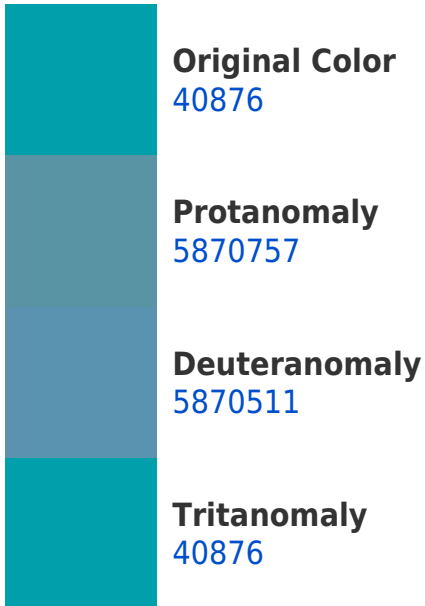
Dichromacy





Tritanopia
40876

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 40876 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 #009FAC looks like.

```
.text, #text, p{  
    color:#009FAC  
}
```

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 #009FAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009FAC
}
```

Border

The CSS property to change the border of an element to Decimal 40876 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
#009FAC }
```

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

```
.border{ border-color:#009FAC }
```

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

Here you see how a box with a 4 pixel #009FAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009FAC; -webkit-box-shadow:4px 4px  
4px 4px #009FAC; box-shadow:4px 4px 4px  
4px #009FAC }
```

Background

The CSS property to change the background color of an element to Decimal 40876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009FAC }
```

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

```
.background{ background-color:#009FAC }
```

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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