

# Converting Colors

Decimal(40058)

Have a look what the booklet for  
Decimal(40058) contains.

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# Color

**Decimal(40058)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009C7A
RGB	0, 156, 122
RGB Percent	0%, 61%, 48%
CMY	1.0000, 0.3882, 0.5216
CMYK	1.00, 0.00, 0.22, 0.39
HSL	167°, 100%, 31%
HSV	167°, 100%, 61%
XYZ	15.4013, 25.1821, 22.4612
YIQ	105.4800, -82.0620, -43.6460

# Conversions

## Conversions Part 2

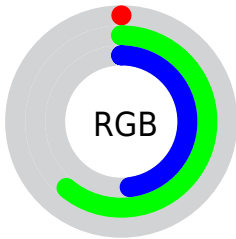
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 88, 156
Decimal	40058
CIELab	57.25, -43.15, 8.12
CIELCh	57, 43.911, 169.339
Yxy	25.1821, 0.2443, 0.3994
Android (android.graphics.Color)	4278230138 (0xFF009C7A)
YUV	105.4800, 8.1444, -92.5060
Hunter-Lab	50.1817, -33.0345, 8.5891

# Details

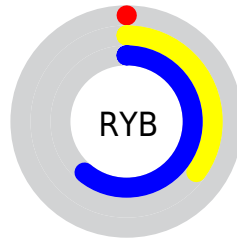
The Decimal color **40058** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **10223650**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **5821358**, and **26697** is the 20% darker color. If you saturate the color by 10%, you get **40058**, and if you desaturate by 10%, it is **1088637**.

# Distribution



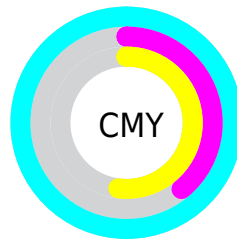
- Red (0%)
- Green (61%)
- Blue (48%)



- Red (0%)
- Yellow (35%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 40058 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 40058 by changing the saturation by 10% instead.



 40058  40058

16777215  33121

 5821358  26697

 7794890  20275

 9764838  13854

 11665407  8453

 13631487  0

 15597567

 40058

 1088637

 2071681

 3120260

 4103304

 5151883

 6200462

 7183506

 8232085

 9215129

# Harmonies

## Analogous

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



6002518



40058



40354

# Triad

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



40058



7767506



13005905

# Complementary

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



40058



10223650

# 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.



13724274



40058



11237052

# Square

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



40058



37588



1320025



11305788

# Rectangle

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



40058



39865



13200025



13398107



# Sweetspot

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



40058



9424063



2399232



4286046



15132390



6710886



# Same Dimension

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



40058



52384



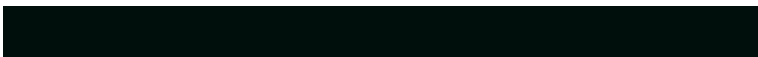
29340



4673357



36720



3852



# Inverse Universe

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



10223650



13369388



10234368



5195593



9371679



983043



# Previews

## White Background



This preview shows how the Decimal color 40058 looks on a white background.

## Color Contrast Check

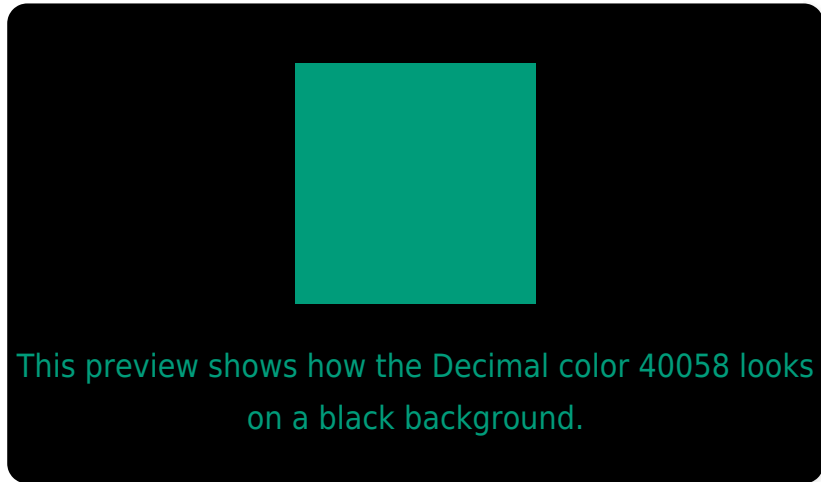
Large Text (above 18pt) WCAG AA ✓ Pass

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

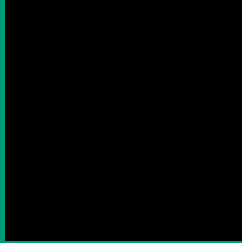
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 40058 Background



This preview shows how black text looks on a background with the Decimal color 40058.

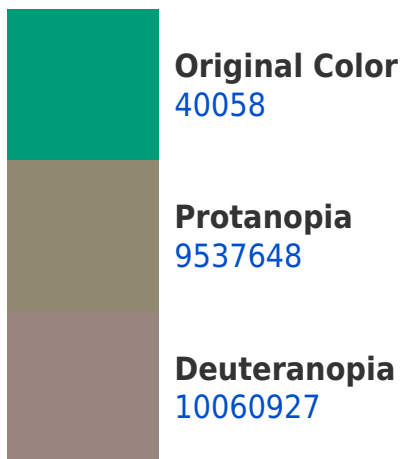


This preview shows how white text looks on a background with the Decimal color 40058.

# 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



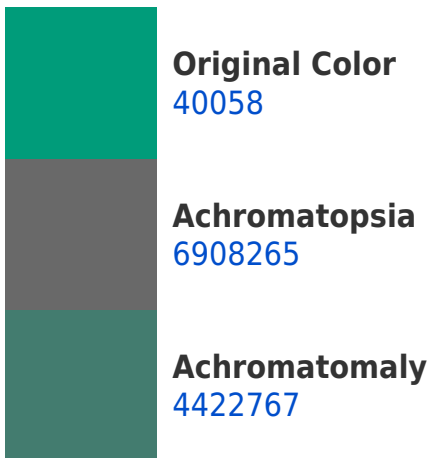


**Tritanopia**  
3184547

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 40058 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 #009C7A looks like.

```
.text, #text, p{  
    color:#009C7A  
}
```

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 #009C7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009C7A
}
```

## Border

The CSS property to change the border of an element to Decimal 40058 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
#009C7A }
```

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

```
.border{ border-color:#009C7A }
```

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

Here you see how a box with a 4 pixel #009C7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009C7A; -webkit-box-shadow:4px 4px  
4px 4px #009C7A; box-shadow:4px 4px 4px  
4px #009C7A }
```

# Background

The CSS property to change the background color of an element to Decimal 40058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009C7A }
```

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

```
.background{ background-color:#009C7A }
```

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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