

# Converting Colors

Decimal(38559)

Have a look what the booklet for  
Decimal(38559) contains.

<b>Decimal(38559)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(38559)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00969F
RGB	0, 150, 159
RGB Percent	0%, 59%, 62%
CMY	1.0000, 0.4118, 0.3765
CMYK	1.00, 0.06, 0.00, 0.38
HSL	183°, 100%, 31%
HSV	183°, 100%, 62%
XYZ	17.1644, 24.3159, 36.5897
YIQ	106.1760, -92.2890, -29.0010

# Conversions

## Conversions Part 2

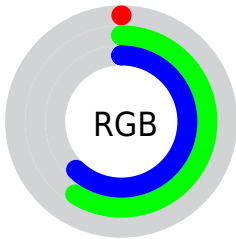
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 77, 159
Decimal	38559
CIELab	56.40, -29.46, -14.22
CIELCh	56, 32.713, 205.756
Yxy	24.3159, 0.2199, 0.3115
Android (android.graphics.Color)	4278228639 (0xFF00969F)
YUV	106.1760, 26.0422, -93.1164
Hunter-Lab	49.3112, -24.1618, -9.4763

# Details

The Decimal color **38559** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **10422528**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **6016470**, and **25452** is the 20% darker color. If you saturate the color by 10%, you get **38559**, and if you desaturate by 10%, it is **1087391**.

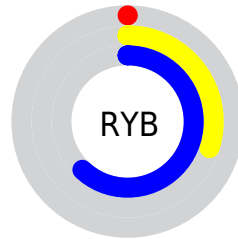
# Distribution



Red (0%)

Green (59%)

Blue (62%)



Red (0%)

Yellow (30%)

Blue (62%)

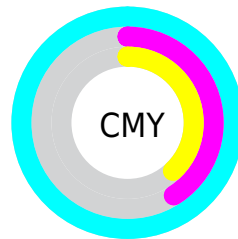


Cyan (100%)

Magenta (6%)

Yellow (0%)

Black (38%)



Cyan (100%)

Magenta (41%)

















Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 38559 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 38559 by changing the saturation by 10% instead.



 38559	 38559
 16777215	 31877
 6016470	 25452
 8055282	 19027
 10027007	 13116
 11927551	 8230
 13893631	 274
 15859711	 0

 38559

 1087391

■ 2136223

■ 3185055

■ 4233887

■ 5282719

■ 6265759

■ 7314591

■ 8363423

■ 9412255

# Harmonies

## Analogous

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



3708546



38559



1938102

# Triad

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



38559



10975144



10323022

# Complementary

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



38559



10422528

# 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.



11762265



38559



12284300

# Square

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



38559



8749498



12481392



8490323

# Rectangle

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



38559



4492990



12481392



10912080



# Sweetspot

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



38559



9554895



40712



4417129



15263976



6908265



# Same Dimension

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



38559



50127



18591



4673359



34703



3599



# Inverse Universe

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



10420374



13566147



10442496



5195599



9371783



983054



# Previews

## White Background



This preview shows how the Decimal color 38559 looks on a white background.

## Color Contrast Check

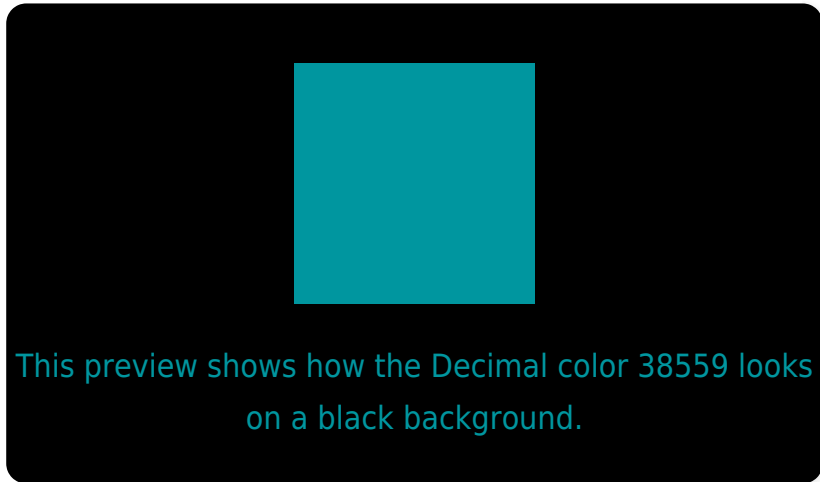
Large Text (above 18pt) WCAG AA ✓ Pass

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

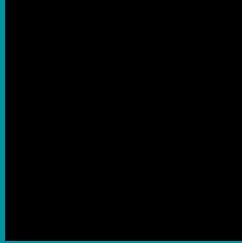
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

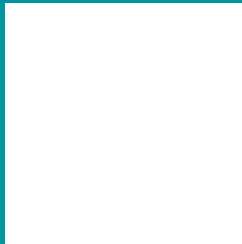
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 38559 Background



This preview shows how black text looks on a background with the Decimal color 38559.

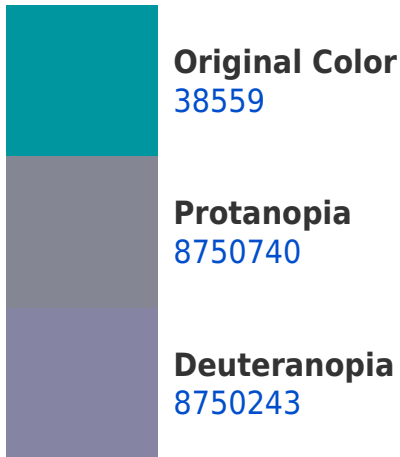


This preview shows how white text looks on a background with the Decimal color 38559.

# 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**  
1021602

# Trichromacy



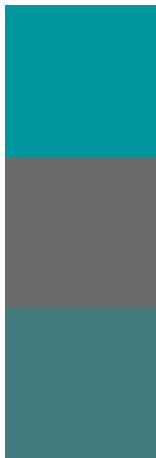
**Original Color**  
38559

**Protanomaly**  
5606552

**Deuteranomaly**  
5606306

**Tritanomaly**  
693921

# Monochromacy



**Original Color**  
38559

**Achromatopsia**  
6974058

**Achromatomaly**  
4422269

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 38559 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 #00969F looks like.

```
.text, #text, p{  
    color:#00969F  
}
```

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 #00969F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00969F
}
```

## Border

The CSS property to change the border of an element to Decimal 38559 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
#00969F }
```

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

```
.border{ border-color:#00969F }
```

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

Here you see how a box with a 4 pixel #00969F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00969F; -webkit-box-shadow:4px 4px  
4px 4px #00969F; box-shadow:4px 4px 4px  
4px #00969F }
```

# Background

The CSS property to change the background color of an element to Decimal 38559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00969F }
```

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

```
.background{ background-color:#00969F }
```

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