

# Converting Colors

Decimal(38007)

Have a look what the booklet for  
Decimal(38007) contains.

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# Color

**Decimal(38007)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009477
RGB	0, 148, 119
RGB Percent	0%, 58%, 47%
CMY	1.0000, 0.4196, 0.5333
CMYK	1.00, 0.00, 0.20, 0.42
HSL	168°, 100%, 29%
HSV	168°, 100%, 58%
XYZ	13.9197, 22.5117, 21.0643
YIQ	100.4420, -78.8990, -40.3950

# Conversions

## Conversions Part 2

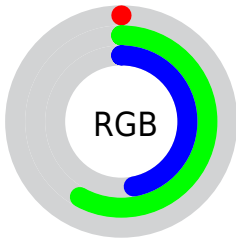
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 82, 148
Decimal	38007
CIELab	54.57, -40.61, 5.99
CIELCh	55, 41.050, 171.604
Yxy	22.5117, 0.2421, 0.3915
Android (android.graphics.Color)	4278228087 (0xFF009477)
YUV	100.4420, 9.1491, -88.0876
Hunter-Lab	47.4465, -30.6638, 6.8902

# Details

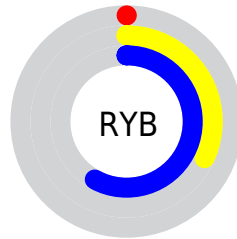
The Decimal color **38007** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9699357**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **5688235**, and **24647** is the 20% darker color. If you saturate the color by 10%, you get **38007**, and if you desaturate by 10%, it is **1021050**.

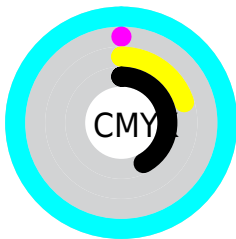
# Distribution



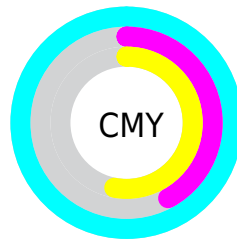
- Red (0%)
- Green (58%)
- Blue (47%)



- Red (0%)
- Yellow (32%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 38007 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 38007 by changing the saturation by 10% instead.




 38007  38007


16777215  31326

 5688235  24647

 7661510  18224

 9568226  12315

 11468799  6401

 13434879  0

 15400959

 38007

 1021050

■ 2004093

■ 2921600

■ 3904643

■ 4887685

■ 5870728

■ 6853771

■ 7771278

■ 8754321

# Harmonies

## Analogous

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



5541973



38007



38044

# Triad

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



38007



7699909



12218444

# Complementary

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



38007



9699357

# 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.



12936810



38007



10842031

# Square

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



38007



2329032



12543630



10517819

# Rectangle

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



38007



37809



12543630



12545109



# Sweetspot

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



38007



8830900



2003968



4088154



14737632



6381921



# Same Dimension

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



38007



49050



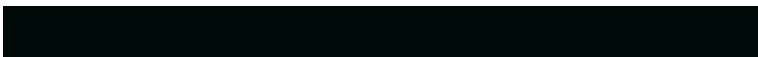
26772



4409929



35439



2568



# Inverse Universe

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



9699357



12517413



9710592



4866884



9043995



655362



# Previews

## White Background



This preview shows how the Decimal color 38007 looks on a white background.

## Color Contrast Check

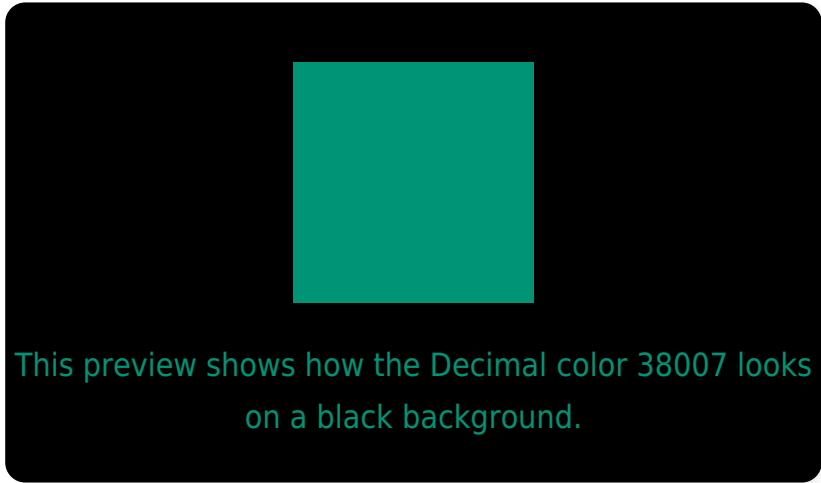
Large Text (above 18pt) WCAG AA ✓ Pass

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

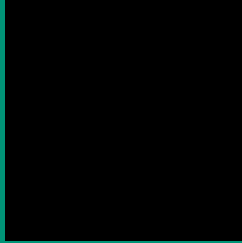
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 38007 Background



This preview shows how black text looks on a background with the Decimal color 38007.

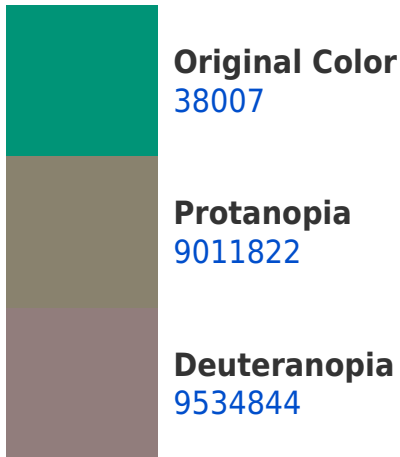


This preview shows how white text looks on a background with the Decimal color 38007.

# 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





# Trichromacy



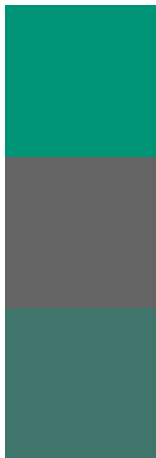
**Original Color**  
38007

**Protanomaly**  
5736817

**Deuteranomaly**  
6063482

**Tritanomaly**  
1872270

# Monochromacy



**Original Color**  
38007

**Achromatopsia**  
6579300

**Achromatomaly**  
4224363

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 38007 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 #009477 looks like.

```
.text, #text, p{  
    color:#009477  
}
```

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 #009477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009477
}
```

## Border

The CSS property to change the border of an element to Decimal 38007 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
#009477 }
```

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

```
.border{ border-color:#009477 }
```

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

Here you see how a box with a 4 pixel #009477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009477; -webkit-box-shadow:4px 4px  
4px 4px #009477; box-shadow:4px 4px 4px  
4px #009477 }
```

# Background

The CSS property to change the background color of an element to Decimal 38007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009477 }
```

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

```
.background{ background-color:#009477 }
```

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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