

Converting Colors

Decimal(38509)

Have a look what the booklet for
Decimal(38509) contains.

Decimal(38509)	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(38509)

Conversions

Conversions Part 1

Format	Color
Hex	00966D
RGB	0, 150, 109
RGB Percent	0%, 59%, 43%
CMY	1.0000, 0.4118, 0.5725
CMYK	1.00, 0.00, 0.27, 0.41
HSL	164°, 100%, 29%
HSV	164°, 100%, 59%
XYZ	13.6667, 22.9168, 18.1711
YIQ	100.4760, -76.2390, -44.5510

Conversions

Conversions Part 2

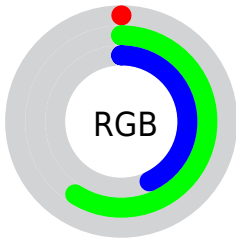
Format	Color
RYB	0, 87, 150
Decimal	38509
CIELab	54.99, -44.03, 12.28
CIELCh	55, 45.711, 164.419
Yxy	22.9168, 0.2496, 0.4185
Android (android.graphics.Color)	4278228589 (0xFF00966D)
YUV	100.4760, 4.2023, -88.1175
Hunter-Lab	47.8715, -32.8158, 11.0048

Details

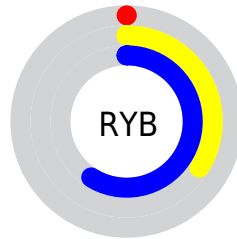
The Decimal color **38509** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9830441**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **5688737**, and **25149** is the 20% darker color. If you saturate the color by 10%, you get **38509**, and if you desaturate by 10%, it is **1021553**.

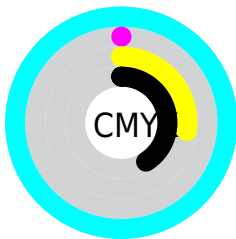
Distribution



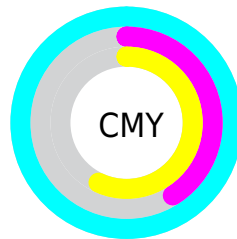
- Red (0%)
- Green (59%)
- Blue (43%)



- Red (0%)
- Yellow (34%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 38509 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 38509 by changing the saturation by 10% instead.

 38509  38509

16777215  31829

 5688737  25149

 7662268  18727

 9568215  12563

 11468788  6656

 13434879  0

 15335423

 38509

 1021553

 2004597

 2987641

 3970685

 4953730

 5936774

 6919818

 7902862

 8885906

Harmonies

Analogous

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



6000969



38509



38806

Triad

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



38509



6455760



12872526

Complementary

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



38509



9830441

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.



13460082



38509



10449340

Square

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



38509



36559



12739738



11237941

Rectangle

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



38509



38575



12739738



13199193

Sweetspot

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



38509



8962738



2856448



4088151



14737632



6381921

Same Dimension

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



38509



49805



30358



4409928



35428



2567

Inverse Universe

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



9830441



12714037



9838848



4866885



9044006



655363

Previews

White Background



This preview shows how the Decimal color 38509 looks on a white background.

Color Contrast Check

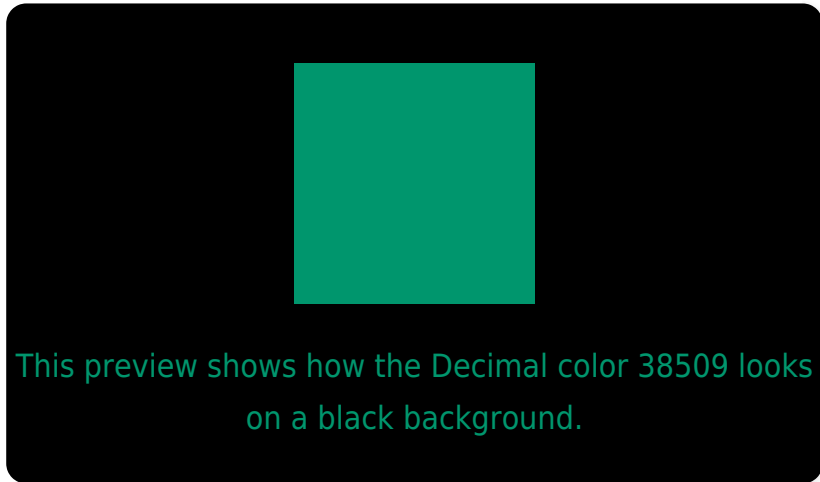
Large Text (above 18pt) WCAG AA ✓ Pass

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

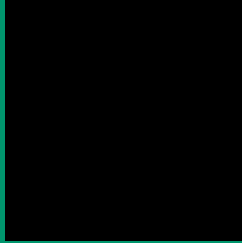
Any Text WCAG AA ✓ Pass

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 38509 Background



This preview shows how black text looks on a background with the Decimal color 38509.




This preview shows how white text looks on a background with the Decimal color 38509.

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](#).

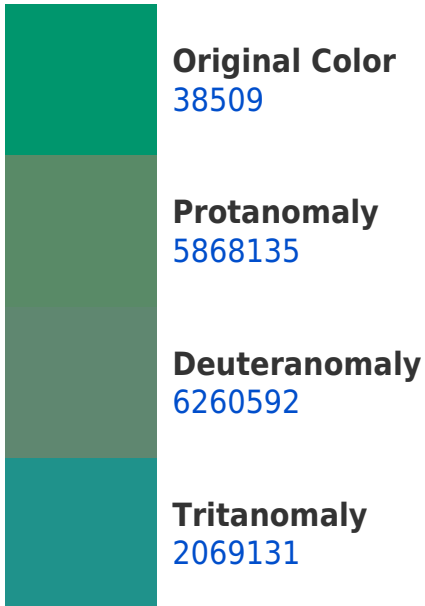
Dichromacy



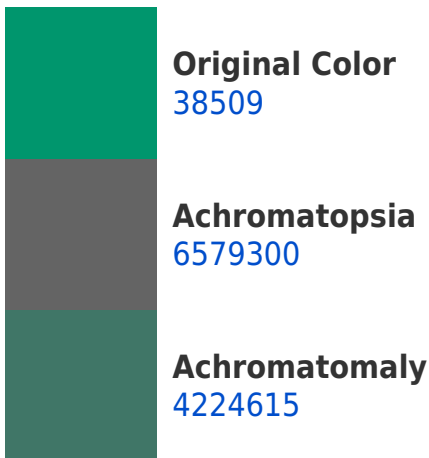


Tritanopia
3248284

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 38509 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 #00966D looks like.

```
.text, #text, p{  
    color:#00966D  
}
```

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 #00966D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00966D
}
```

Border

The CSS property to change the border of an element to Decimal 38509 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
#00966D }
```

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

```
.border{ border-color:#00966D }
```

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

Here you see how a box with a 4 pixel #00966D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00966D; -webkit-box-shadow:4px 4px  
4px 4px #00966D; box-shadow:4px 4px 4px  
4px #00966D }
```

Background

The CSS property to change the background color of an element to Decimal 38509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00966D }
```

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

```
.background{ background-color:#00966D }
```

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