

Converting Colors

Decimal(38013)

Have a look what the booklet for
Decimal(38013) contains.

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Color

Decimal(38013)

Conversions

Conversions Part 1

Format	Color
Hex	00947D
RGB	0, 148, 125
RGB Percent	0%, 58%, 49%
CMY	1.0000, 0.4196, 0.5098
CMYK	1.00, 0.00, 0.16, 0.42
HSL	171°, 100%, 29%
HSV	171°, 100%, 58%
XYZ	14.2916, 22.6605, 23.0227
YIQ	101.1260, -80.8250, -38.5290

Conversions

Conversions Part 2

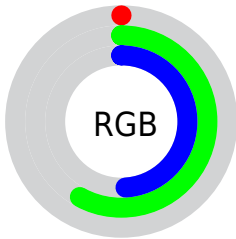
Format	Color
RYB	0, 80, 148
Decimal	38013
CIELab	54.72, -38.95, 2.78
CIElCh	55, 39.052, 175.915
Yxy	22.6605, 0.2383, 0.3778
Android (android.graphics.Color)	4278228093 (0xFF00947D)
YUV	101.1260, 11.7699, -88.6875
Hunter-Lab	47.6030, -29.7153, 4.6471

Details

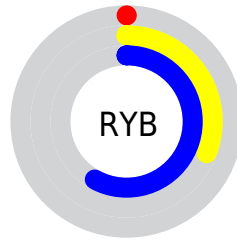
The Decimal color **38013** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9699351**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **5688242**, and **24652** is the 20% darker color. If you saturate the color by 10%, you get **38013**, and if you desaturate by 10%, it is **1021055**.

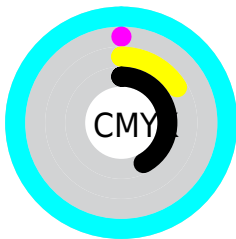
Distribution



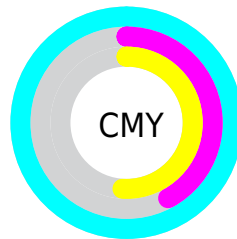
- Red (0%)
- Green (58%)
- Blue (49%)



- Red (0%)
- Yellow (31%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (42%)




- Cyan (100%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 38013 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 38013 by changing the saturation by 10% instead.

 38013  38013


16777215  31332

 5688242  24652

 7661517  18486

 9633769  12320

 11534335  6410

 13434879  0

 15400959

 38013

 1021055

■ 2004098

■ 2921604

■ 3904646

■ 4887689

■ 5870731

■ 6853773

■ 7771279

■ 8754322

Harmonies

Analogous

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



5345628



38013



38047

Triad

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



38013



8355008



11891532

Complementary

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



38013



9699351

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.



12740967



38013



11104169

Square

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



38013



4098246



12543881



10256190

Rectangle

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



38013



37555



12543881



12283732

Sweetspot

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



38013



8830902



1676288



4088155



14737632



6381921

Same Dimension

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



38013



49058



25492



4409929



35444



2569

Inverse Universe

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



9699351



12517406



9711872



4866884



9043989



655362

Previews

White Background



This preview shows how the Decimal color 38013 looks on a white background.

Color Contrast Check

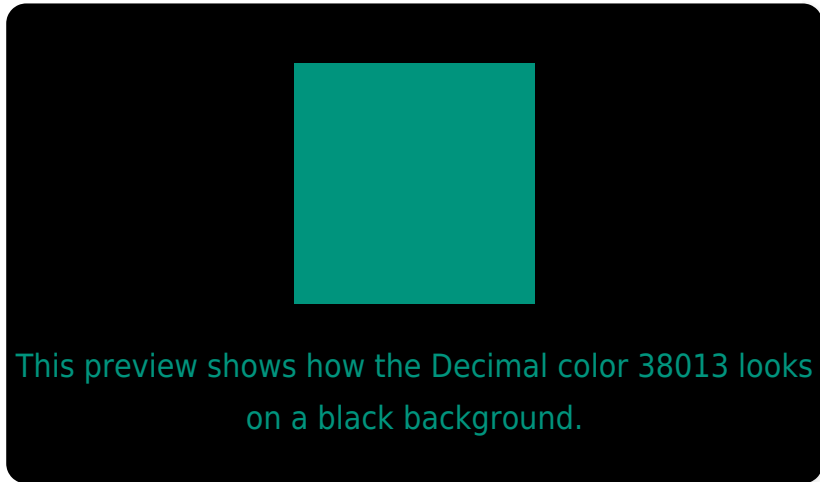
Large Text (above 18pt) WCAG AA ✓ Pass

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

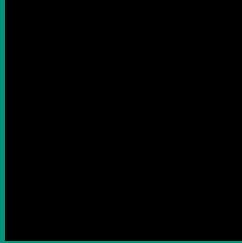
Any Text WCAG AA ✓ Pass

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 38013 Background



This preview shows how black text looks on a background with the Decimal color 38013.

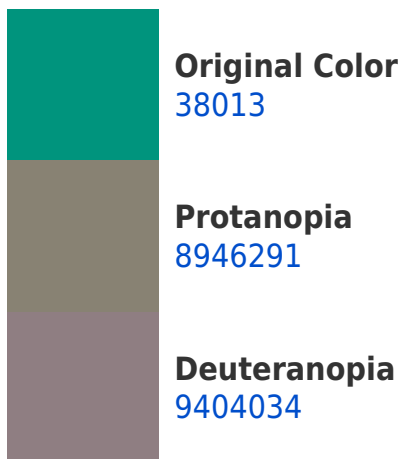


This preview shows how white text looks on a background with the Decimal color 38013.

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



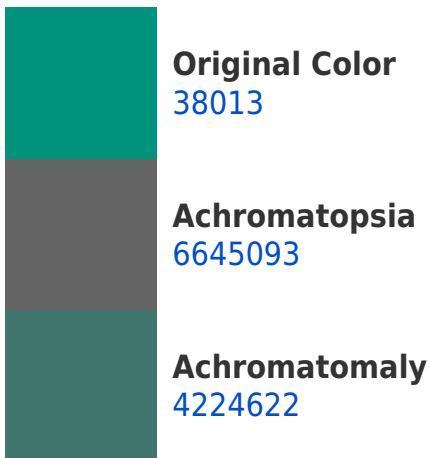


Tritanopia
2789531

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 38013 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 #00947D looks like.

```
.text, #text, p{  
    color:#00947D  
}
```

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 #00947D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00947D
}
```

Border

The CSS property to change the border of an element to Decimal 38013 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
#00947D }
```

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

```
.border{ border-color:#00947D }
```

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

Here you see how a box with a 4 pixel #00947D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00947D; -webkit-box-shadow:4px 4px  
4px 4px #00947D; box-shadow:4px 4px 4px  
4px #00947D }
```

Background

The CSS property to change the background color of an element to Decimal 38013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00947D }
```

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

```
.background{ background-color:#00947D }
```

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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