

Converting Colors

Decimal(38024)

Have a look what the booklet for
Decimal(38024) contains.

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Color

Decimal(38024)

Conversions

Conversions Part 1

Format	Color
Hex	009488
RGB	0, 148, 136
RGB Percent	0%, 58%, 53%
CMY	1.0000, 0.4196, 0.4667
CMYK	1.00, 0.00, 0.08, 0.42
HSL	175°, 100%, 29%
HSV	175°, 100%, 58%
XYZ	15.0338, 22.9574, 26.9314
YIQ	102.3800, -84.3560, -35.1080

Conversions

Conversions Part 2

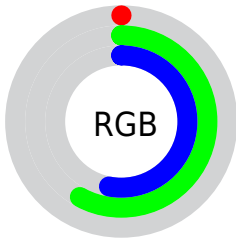
Format	Color
RYB	0, 77, 148
Decimal	38024
CIELab	55.03, -35.75, -3.08
CIELCh	55, 35.885, 184.926
Yxy	22.9574, 0.2316, 0.3536
Android (android.graphics.Color)	4278228104 (0xFF009488)
YUV	102.3800, 16.5747, -89.7873
Hunter-Lab	47.9139, -27.8417, 0.2140

Details

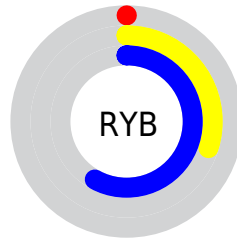
The Decimal color **38024** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9699340**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **5819325**, and **24662** is the 20% darker color. If you saturate the color by 10%, you get **38024**, and if you desaturate by 10%, it is **1021065**.

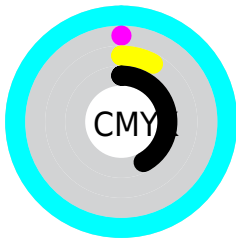
Distribution



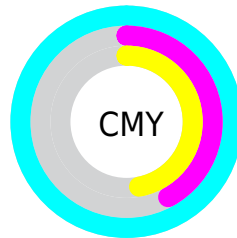
- Red (0%)
- Green (58%)
- Blue (53%)



- Red (0%)
- Yellow (30%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 38024 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 38024 by changing the saturation by 10% instead.

 38024  38024

16777215  31343

 5819325  24662

 7792601  18495

 9699317  12329

 11665407  6933

 13565951  0

 15532031

 38024

 1021065

■ 2004106

■ 2921612

■ 3904653

■ 4887694

■ 5870735

■ 6853776

■ 7771282

■ 8754323

Harmonies

Analogous

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



4887144



38024



37798

Triad

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



38024



9337527



11368780

Complementary

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



38024



9699340

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.



12414818



38024



11497375

Square

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



38024



6063553



12479360



9602117

Rectangle

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



38024



37046



12479360



11760978

Sweetspot

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



38024



8830907



824320



4088158



14737632



6381921

Same Dimension

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



38024



49072



22164



4409929



35455



2569

Inverse Universe

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



9699340



12517392



9715200



4866883



9043979



655361

Previews

White Background



This preview shows how the Decimal color 38024 looks on a white background.

Color Contrast Check

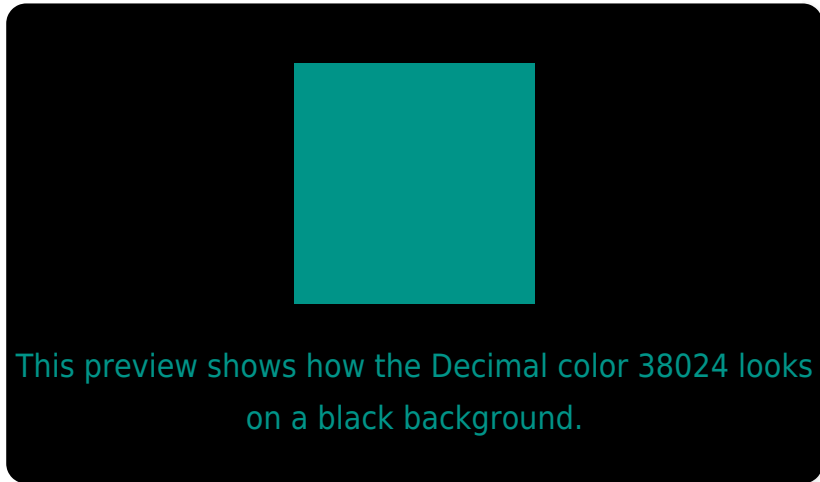
Large Text (above 18pt) WCAG AA ✓ Pass

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

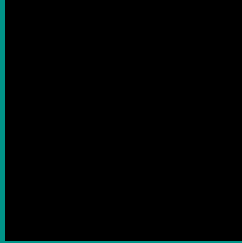
Any Text WCAG AA ✓ Pass

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 38024 Background



This preview shows how black text looks on a background with the Decimal color 38024.

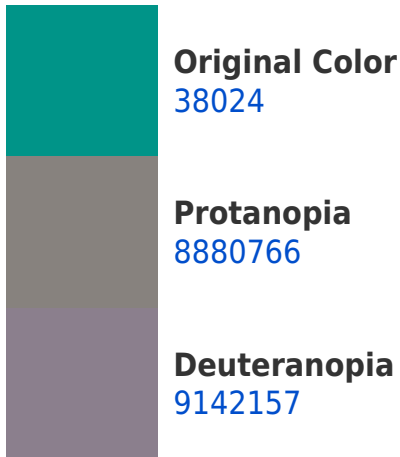


This preview shows how white text looks on a background with the Decimal color 38024.

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
2396573

Trichromacy



Original Color
38024

Protanomaly
5671298

Deuteranomaly
5801867

Tritanomaly
1544853

Monochromacy



Original Color
38024

Achromatopsia
6710886

Achromatomaly
4290418

CSS Examples

Text

The CSS property to change the color of the text to Decimal 38024 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 #009488 looks like.

```
.text, #text, p{  
    color:#009488  
}
```

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 #009488 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009488
}
```

Border

The CSS property to change the border of an element to Decimal 38024 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
#009488 }
```

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

```
.border{ border-color:#009488 }
```

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

Here you see how a box with a 4 pixel #009488 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009488; -webkit-box-shadow:4px 4px  
4px 4px #009488; box-shadow:4px 4px 4px  
4px #009488 }
```

Background

The CSS property to change the background color of an element to Decimal 38024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009488 }
```

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

```
.background{ background-color:#009488 }
```

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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