

# Converting Colors

Decimal(498348)

Have a look what the booklet for  
Decimal(498348) contains.

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# Color

**Decimal(498348)**

# Conversions

## Conversions Part 1

Format	Color
Hex	079AAC
RGB	7, 154, 172
RGB Percent	3%, 60%, 67%
CMY	0.9725, 0.3961, 0.3255
CMYK	0.96, 0.10, 0.00, 0.33
HSL	187°, 92%, 35%
HSV	187°, 96%, 67%
XYZ	19.0896, 26.1349, 43.0681
YIQ	112.0990, -93.3900, -25.5660

# Conversions

## Conversions Part 2

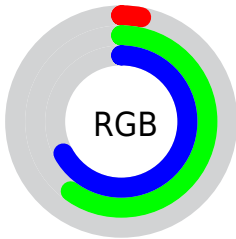
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 85, 172
Decimal	498348
CIELab	58.16, -26.86, -18.94
CIElCh	58, 32.870, 215.188
Yxy	26.1349, 0.2162, 0.2960
Android (android.graphics.Color)	4278688428 (0xFF079AAC)
YUV	112.0990, 29.5312, -92.1718
Hunter-Lab	51.1223, -22.8103, -14.1634

# Details

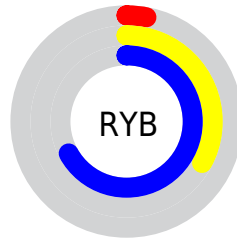
The Decimal color **498348** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11278599**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **6279651**, and **26232** is the 20% darker color. If you saturate the color by 10%, you get **39340**, and if you desaturate by 10%, it is **1612972**.

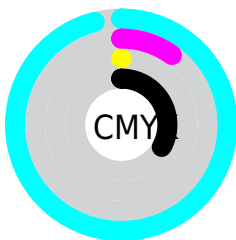
# Distribution



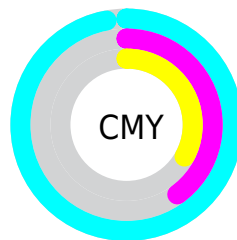
- Red (3%)
- Green (60%)
- Blue (67%)



- Red (3%)
- Yellow (33%)
- Blue (67%)



- Cyan (96%)
- Magenta (10%)
- Yellow (0%)
- Black (33%)



- Cyan (97%)
- Magenta (40%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 498348 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 498348 by changing the saturation by 10% instead.





498348



498348

16777215



32913



6279651



26232



8318463



20063



10289151



14151



12255231



8753



14221311



540



16252927



0



498348



498348



39340



1612972

■ 2727596

■ 3907756

■ 5022380

■ 6136748

■ 7251372

■ 8365996

■ 9546156

■ 10660780

# Harmonies

## Analogous

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



3120016



498348



3577279

# Triad

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



498348



11827621



10128466

# Complementary

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



498348



11278599

# 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.



11764312



498348



12809608

# Square

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



498348



9864123



12679532



8098908

# Rectangle

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



498348



5935301



12679532



10717266



# Sweetspot

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



498348



10476000



502807



4811888



15790320



7368816



# Same Dimension

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



498348



51424



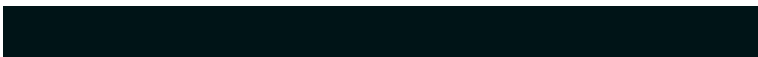
477612



5133911



34454



5143



# Inverse Universe

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



11274138



14680264



11299335



5721686



9830534



1507348



# Previews

## White Background



This preview shows how the Decimal color 498348 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



This preview shows how the Decimal color 498348 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

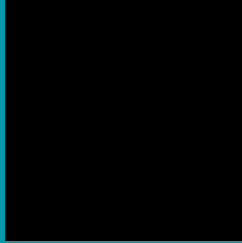
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Decimal 498348 Background



This preview shows how black text looks on a background with the Decimal color 498348.

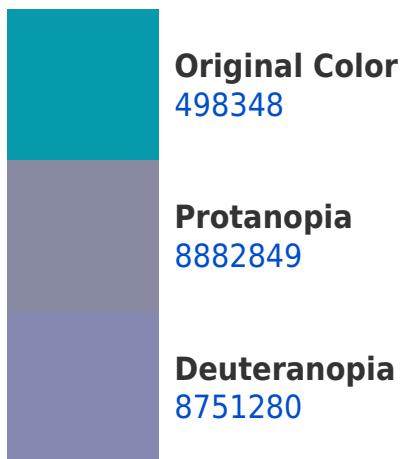


This preview shows how white text looks on a background with the Decimal color 498348.

# 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**  
39847

# Trichromacy



**Original Color**  
498348

**Protanomaly**  
5804197

**Deuteranomaly**  
5738415

**Tritanomaly**  
236457

# Monochromacy



**Original Color**  
498348

**Achromatopsia**  
7368816

**Achromatomaly**  
4882310

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 498348 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 #079AAC looks like.

```
.text, #text, p{  
  color:#079AAC  
}
```

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 #079AAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #079AAC
}
```

## Border

The CSS property to change the border of an element to Decimal 498348 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
#079AAC }
```

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

```
.border{ border-color:#079AAC }
```

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

Here you see how a box with a 4 pixel #079AAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #079AAC; -webkit-box-shadow:4px 4px  
4px 4px #079AAC; box-shadow:4px 4px 4px  
4px #079AAC }
```

# Background

The CSS property to change the background color of an element to Decimal 498348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#079AAC }
```

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

```
.background{ background-color:#079AAC }
```

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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