

# Converting Colors

Decimal(41378)

Have a look what the booklet for  
Decimal(41378) contains.

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# Color

**Decimal(41378)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A1A2
RGB	0, 161, 162
RGB Percent	0%, 63%, 64%
CMY	1.0000, 0.3686, 0.3647
CMYK	1.00, 0.01, 0.00, 0.36
HSL	180°, 100%, 32%
HSV	180°, 100%, 64%
XYZ	19.2665, 28.0984, 38.5905
YIQ	112.9750, -96.2770, -33.8210

# Conversions

## Conversions Part 2

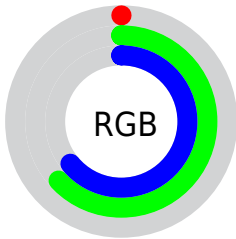
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 81, 162
Decimal	41378
CIELab	59.98, -33.78, -10.54
CIELCh	60, 35.382, 197.333
Yxy	28.0984, 0.2241, 0.3269
Android (android.graphics.Color)	4278231458 (0xFF00A1A2)
YUV	112.9750, 24.1693, -99.0791
Hunter-Lab	53.0079, -27.8855, -6.0584

# Details

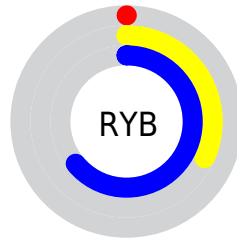
The Decimal color **41378** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **10617088**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **6150361**, and **28014** is the 20% darker color. If you saturate the color by 10%, you get **41378**, and if you desaturate by 10%, it is **1089954**.

# Distribution



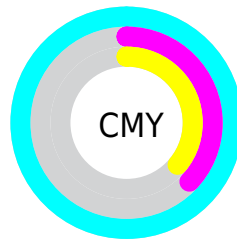
- Red (0%)
- Green (63%)
- Blue (64%)



- Red (0%)
- Yellow (32%)
- Blue (64%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (37%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 41378 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 41378 by changing the saturation by 10% instead.



 41378	 41378
 16777215	 34440
 6150361	 28014
 8189429	 21590
 10223615	 15423
 12189695	 10025
 14155775	 278
 16121855	 0

 41378

 1089954

■ 2138530

■ 3252642

■ 4301218

■ 5349794

■ 6398626

■ 7447202

■ 8561314

■ 9609890

# Harmonies

## Analogous

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



4628610



41378



40637

# Triad

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



41378



11174587



11569748

# Complementary

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



41378



10617088

# 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.



12943204



41378



12941727

# Square

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



41378



8424908



13465984



9671764

# Rectangle

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



41378



3316425



13465984



12093015



# Sweetspot

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



41378



9753556



41472



4549483



15461355



7039851

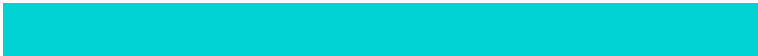


# Same Dimension

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



41378



53972



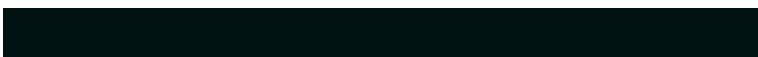
20898



4805202



37009



4626



# Inverse Universe

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



10616993



13893842



10637568



5392722



9502864



1179666



# Previews

## White Background



This preview shows how the Decimal color 41378 looks on a white background.

## Color Contrast Check

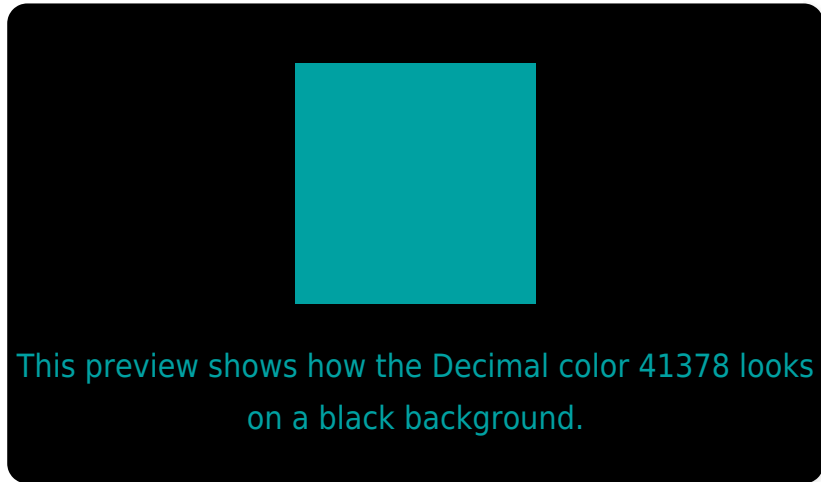
Large Text (above 18pt) WCAG AA ✓ Pass

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

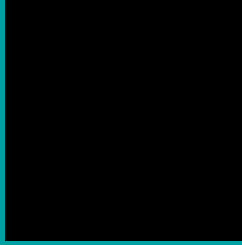
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 41378 Background



This preview shows how black text looks on a background with the Decimal color 41378.

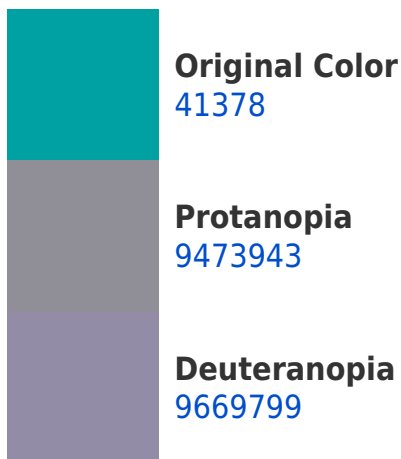


This preview shows how white text looks on a background with the Decimal color 41378.

# 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**  
41378



**Protanomaly**  
6067867



**Deuteranomaly**  
6198437



**Tritanomaly**  
1220776

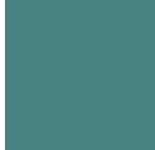
# Monochromacy



**Original Color**  
41378



**Achromatopsia**  
7434609



**Achromatomaly**  
4752003

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 41378 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 #00A1A2 looks like.

```
.text, #text, p{  
    color:#00A1A2  
}
```

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 #00A1A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A1A2
}
```

## Border

The CSS property to change the border of an element to Decimal 41378 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
#00A1A2 }
```

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

```
.border{ border-color:#00A1A2 }
```

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

Here you see how a box with a 4 pixel #00A1A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A1A2; -webkit-box-shadow:4px 4px  
4px 4px #00A1A2; box-shadow:4px 4px 4px  
4px #00A1A2 }
```

# Background

The CSS property to change the background color of an element to Decimal 41378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A1A2 }
```

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

```
.background{ background-color:#00A1A2 }
```

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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