

# Converting Colors

Decimal(41363)

Have a look what the booklet for  
Decimal(41363) contains.

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# Color

**Decimal(41363)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A193
RGB	0, 161, 147
RGB Percent	0%, 63%, 58%
CMY	1.0000, 0.3686, 0.4235
CMYK	1.00, 0.00, 0.09, 0.37
HSL	175°, 100%, 32%
HSV	175°, 100%, 63%
XYZ	18.0113, 27.5963, 31.9811
YIQ	111.2650, -91.4620, -38.4860

# Conversions

## Conversions Part 2

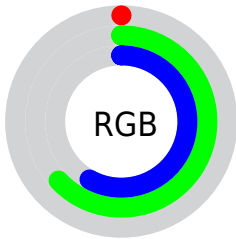
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 84, 161
Decimal	41363
CIELab	59.52, -38.33, -2.73
CIELCh	60, 38.432, 184.081
Yxy	27.5963, 0.2321, 0.3557
Android (android.graphics.Color)	4278231443 (0xFF00A193)
YUV	111.2650, 17.6174, -97.5794
Hunter-Lab	52.5322, -30.7304, 0.6774

# Details

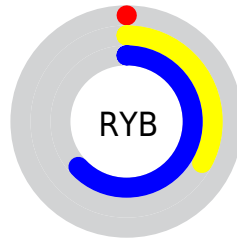
The Decimal color **41363** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **10551310**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **6085065**, and **27745** is the 20% darker color. If you saturate the color by 10%, you get **41363**, and if you desaturate by 10%, it is **1089940**.

# Distribution



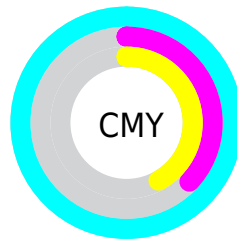
- Red (0%)
- Green (63%)
- Blue (58%)



- Red (0%)
- Yellow (33%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 41363 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 41363 by changing the saturation by 10% instead.



 41363	 41363
 16777215	 34425
 6085065	 27745
 8058341	 21321
 10027007	 15154
 11993087	 10013
 13959167	 5
 15925247	 0

 41363

 1089940

■ 2138518

■ 3187095

■ 4235673

■ 5349786

■ 6398363

■ 7446941

■ 8495518

■ 9544096

# Harmonies

## Analogous

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



5414769



41363



41140

# Triad

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



41363



10061255



12354387

# Complementary

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



41363



10551310

# 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.



13465707



41363



12417453

# Square

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



41363



6459858



13595788



10522443

# Rectangle

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



41363



40389



13595788



12877658



# Sweetspot

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



41363



9621964



1089792



4417893



15263976



6908265



# Same Dimension

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



41363



53695



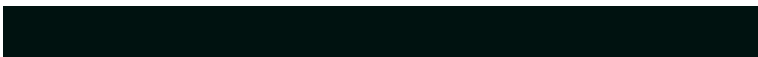
24993



4805201



37253



4624



# Inverse Universe

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



10551310



13697042



10567680



5392714



9502733



1179650



# Previews

## White Background



This preview shows how the Decimal color 41363 looks on a white background.

## Color Contrast Check

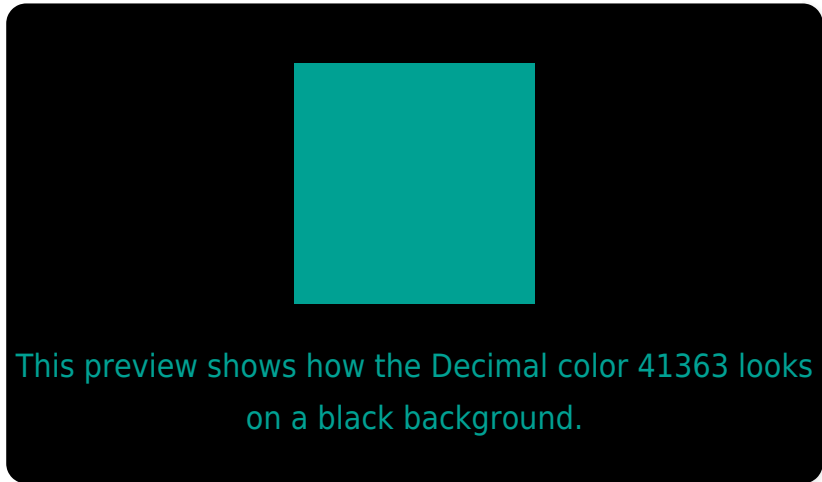
Large Text (above 18pt) WCAG AA ✓ Pass

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

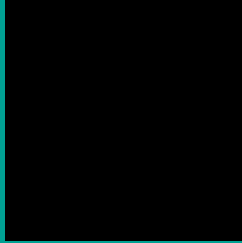
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 41363 Background



This preview shows how black text looks on a background with the Decimal color 41363.

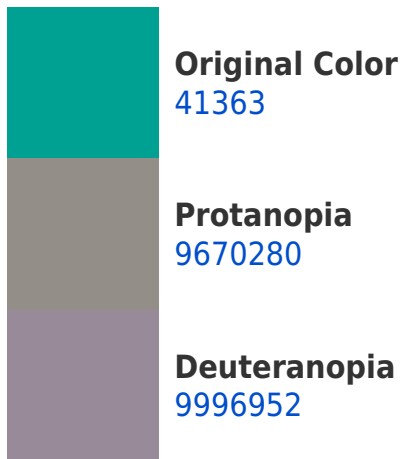


This preview shows how white text looks on a background with the Decimal color 41363.

# 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



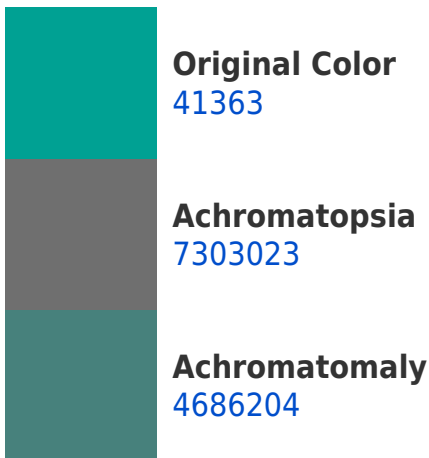


**Tritanopia**  
2662058

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 41363 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 #00A193 looks like.

```
.text, #text, p{  
    color:#00A193  
}
```

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 #00A193 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A193
}
```

## Border

The CSS property to change the border of an element to Decimal 41363 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
#00A193 }
```

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

```
.border{ border-color:#00A193 }
```

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

Here you see how a box with a 4 pixel #00A193 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A193; -webkit-box-shadow:4px 4px  
4px 4px #00A193; box-shadow:4px 4px 4px  
4px #00A193 }
```

# Background

The CSS property to change the background color of an element to Decimal 41363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A193 }
```

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

```
.background{ background-color:#00A193 }
```

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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