

# Converting Colors

Decimal(42873)

Have a look what the booklet for  
Decimal(42873) contains.

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# Color

**Decimal(42873)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A779
RGB	0, 167, 121
RGB Percent	0%, 65%, 47%
CMY	1.0000, 0.3451, 0.5255
CMYK	1.00, 0.00, 0.28, 0.35
HSL	163°, 100%, 33%
HSV	163°, 100%, 65%
XYZ	17.2699, 29.0179, 22.7800
YIQ	111.8230, -84.7660, -49.7100

# Conversions

## Conversions Part 2

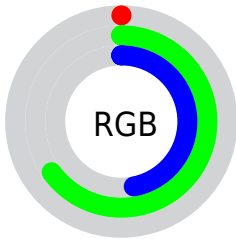
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 97, 167
Decimal	42873
CIELab	60.80, -47.83, 13.68
CIELCh	61, 49.745, 164.039
Yxy	29.0179, 0.2500, 0.4201
Android (android.graphics.Color)	4278232953 (0xFF00A779)
YUV	111.8230, 4.5243, -98.0688
Hunter-Lab	53.8683, -37.0432, 12.6351

# Details

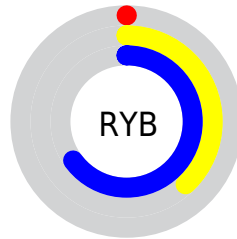
The Decimal color **42873** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **10944558**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **6021037**, and **29256** is the 20% darker color. If you saturate the color by 10%, you get **42873**, and if you desaturate by 10%, it is **1156990**.

# Distribution



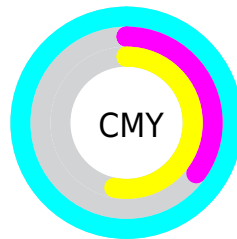
- Red (0%)
- Green (65%)
- Blue (47%)



- Red (0%)
- Yellow (38%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 42873 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 42873 by changing the saturation by 10% instead.




 42873	 42873
 16777215	 35936
 6021037	 29256
 8060105	 22578
 10026981	 16412
 11927551	 10756
 13893631	 1280
 15925247	 0

 42873

 1156990


 2205570

 3319687

 4433803

 5482384

 6596501

 7710617

 8824734

 9873314

# Harmonies

## Analogous

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



6791505



42873



43431

# Triad

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



42873



7114984



14382935

# Complementary

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



42873



10944558

# 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.



15035776



42873



11567058

# Square

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



42873



40679



14119084



12552252

# Rectangle

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



42873



42947



14119084



14709604



# Sweetspot

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



42873



10017223



3122944



4615779



15592941



7237230



# Same Dimension

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



42873



55709



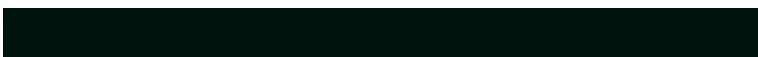
33703



5002322



37995



5135



# Inverse Universe

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



10944558



14221372



10953728



5524558



9699369



1310726



# Previews

## White Background



This preview shows how the Decimal color 42873 looks on a white background.

## Color Contrast Check

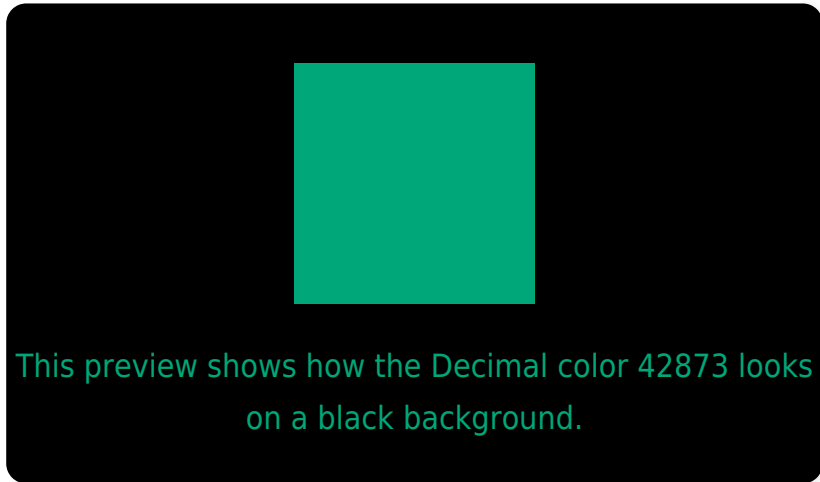
Large Text (above 18pt) WCAG AA ✓ Pass

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

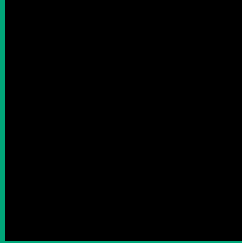
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 42873 Background



This preview shows how black text looks on a background with the Decimal color 42873.

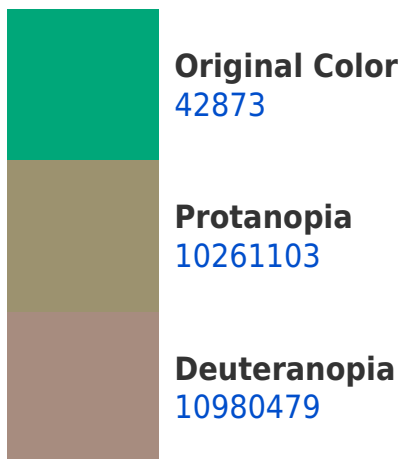


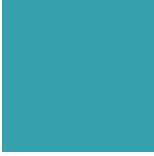
This preview shows how white text looks on a background with the Decimal color 42873.

# 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**  
3645613

# Trichromacy



**Original Color**

42873



**Protanomaly**

6527603



**Deuteranomaly**

6985341



**Tritanomaly**

2335642

# Monochromacy



**Original Color**

42873



**Achromatopsia**

7368816



**Achromatomaly**

4686963

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 42873 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 #00A779 looks like.

```
.text, #text, p{  
    color:#00A779  
}
```

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 #00A779 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A779
}
```

## Border

The CSS property to change the border of an element to Decimal 42873 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
#00A779 }
```

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

```
.border{ border-color:#00A779 }
```

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

Here you see how a box with a 4 pixel #00A779 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A779; -webkit-box-shadow:4px 4px  
4px 4px #00A779; box-shadow:4px 4px 4px  
4px #00A779 }
```

# Background

The CSS property to change the background color of an element to Decimal 42873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A779 }
```

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

```
.background{ background-color:#00A779 }
```

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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