

# Converting Colors

Decimal(42863)

Have a look what the booklet for  
Decimal(42863) contains.

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**Color**

**Decimal(42863)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 00A76F                       |
| RGB         | 0, 167, 111                  |
| RGB Percent | 0%, 65%, 44%                 |
| CMY         | 1.0000, 0.3451, 0.5647       |
| CMYK        | 1.00, 0.00, 0.34, 0.35       |
| HSL         | 160°, 100%, 33%              |
| HSV         | 160°, 100%, 65%              |
| XYZ         | 16.6880, 28.7851, 19.7155    |
| YIQ         | 110.6830, -81.5560, -52.8200 |

# Conversions

## Conversions Part 2

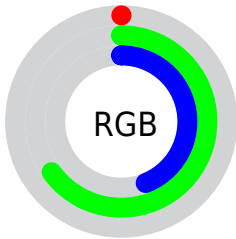
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 0, 100, 167                   |
| Decimal                             | 42863                         |
| CIELab                              | 60.59, -50.16, 18.91          |
| CIELCh                              | 61, 53.602, 159.346           |
| Yxy                                 | 28.7851, 0.2560,<br>0.4416    |
| Android<br>(android.graphics.Color) | 4278232943<br>(0xFF00A76F)    |
| YUV                                 | 110.6830, 0.1563,<br>-97.0690 |
| Hunter-Lab                          | 53.6518, -38.3696,<br>15.7689 |

# Details

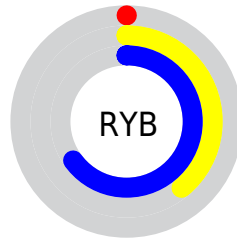
The Decimal color **42863** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **10944568**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **6021027**, and **29247** is the 20% darker color. If you saturate the color by 10%, you get **42863**, and if you desaturate by 10%, it is **1156981**.

# Distribution



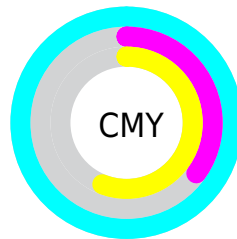
- Red (0%)
- Green (65%)
- Blue (44%)



- Red (0%)
- Yellow (39%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 42863 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 42863 by changing the saturation by 10% instead.




 42863       42863

16777215       35926

 6021027       29247

 7994558       22568

 9961434       16147

 11927543       10496


 13893631       1024

 15859711       0

 42863

 1156981

 2205562

 3319680

 4433797

 5482379

 6596497

 7710614

 8824732

 9873313

# Harmonies

## Analogous

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



7053381



42863



43424

# Triad

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



42863



5477104



14840408

# Complementary

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



42863



10944568

# 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.



15296389



42863



11042780

# Square

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



42863



41194



14118325



13075511

# Rectangle

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



42863



43455



14118325



15166822



# Sweetspot

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



42863



10017219



3843840



4615776



15592941



7237230



# Same Dimension

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



42863



55696



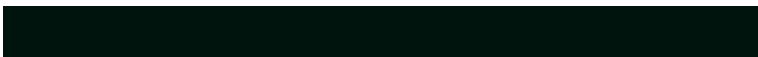
36519



5002321



37986



5134



# Inverse Universe

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



10944568



14221385



10950912



5524559



9699378



1310727



# Previews

## White Background



This preview shows how the Decimal color 42863 looks on a white background.

## Color Contrast Check

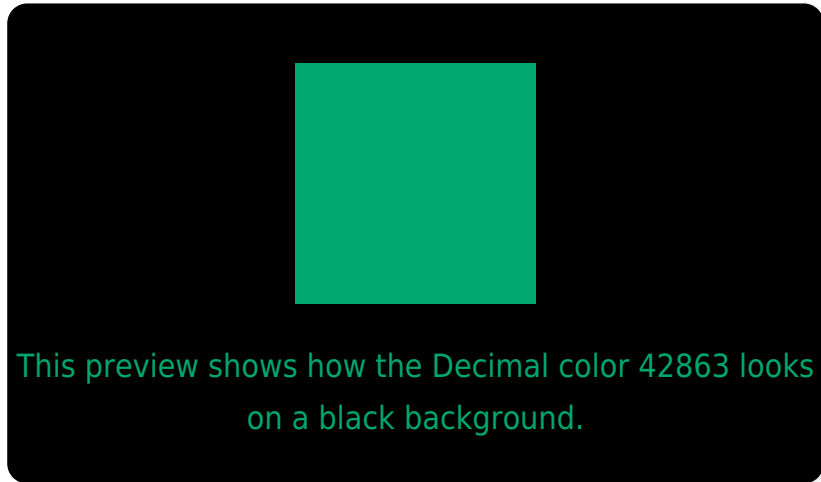
Large Text (above 18pt) WCAG AA ✓ Pass

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

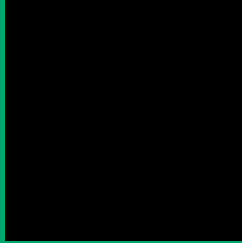
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 42863 Background



This preview shows how black text looks on a background with the Decimal color 42863.



This preview shows how white text looks on a background with the Decimal color 42863.

# 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



**Original Color**  
42863

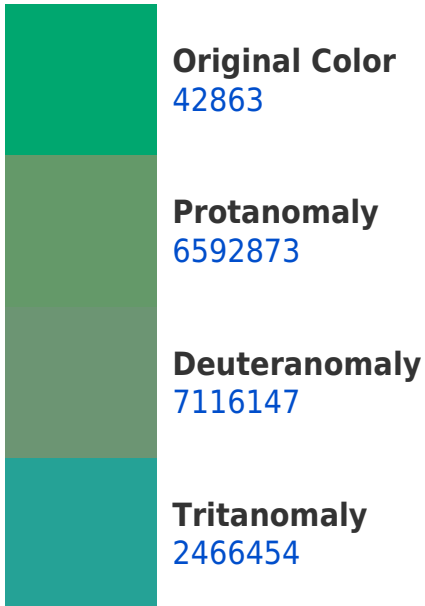
**Protanopia**  
10326373

**Deuteranopia**  
11111285

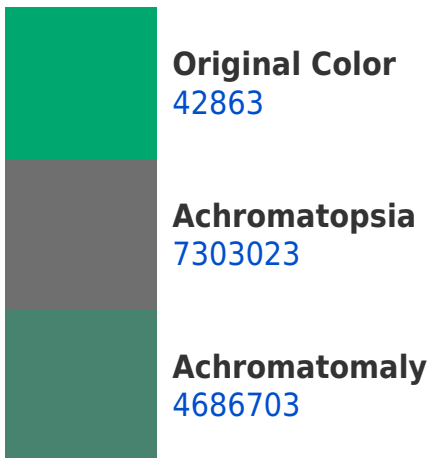


**Tritanopia**  
3841964

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 42863 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 #00A76F looks like.

```
.text, #text, p{  
  color:#00A76F  
}
```

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 #00A76F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A76F
}
```

## Border

The CSS property to change the border of an element to Decimal 42863 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
#00A76F }
```

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

```
.border{ border-color:#00A76F }
```

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

Here you see how a box with a 4 pixel #00A76F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A76F; -webkit-box-shadow:4px 4px  
4px 4px #00A76F; box-shadow:4px 4px 4px  
4px #00A76F }
```

# Background

The CSS property to change the background color of an element to Decimal 42863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A76F }
```

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

```
.background{ background-color:#00A76F }
```

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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