

# Converting Colors

Decimal(41833)

Have a look what the booklet for  
Decimal(41833) contains.

<b>Decimal(41833)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(41833)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A369
RGB	0, 163, 105
RGB Percent	0%, 64%, 41%
CMY	1.0000, 0.3608, 0.5882
CMYK	1.00, 0.00, 0.36, 0.36
HSL	159°, 100%, 32%
HSV	159°, 100%, 64%
XYZ	15.6470, 27.2143, 17.7928
YIQ	107.6510, -78.5300, -52.5940

# Conversions

## Conversions Part 2

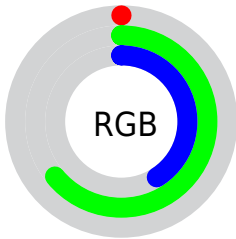
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 99, 163
Decimal	41833
CIELab	59.17, -49.99, 20.26
CIElCh	59, 53.938, 157.933
Yxy	27.2143, 0.2580, 0.4487
Android (android.graphics.Color)	4278231913 (0xFF00A369)
YUV	107.6510, -1.3069, -94.4099
Hunter-Lab	52.1673, -37.7538, 16.2950

# Details

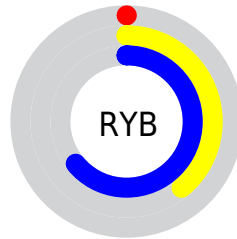
The Decimal color **41833** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **10682426**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **5954461**, and **28217** is the 20% darker color. If you saturate the color by 10%, you get **41833**, and if you desaturate by 10%, it is **1090415**.

# Distribution



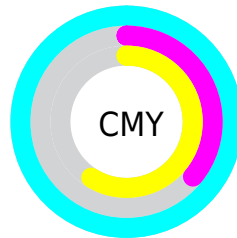
- Red (0%)
- Green (64%)
- Blue (41%)



- Red (0%)
- Yellow (39%)
- Blue (64%)



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




- Cyan (100%)
- Magenta (36%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 41833 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 41833 by changing the saturation by 10% instead.



 41833  41833

16777215  34897

 5954461  28217

 7927992  21539

 9895891  15374

 11796464  9728

 13762559  0

 15728639

 41833

 1090415

 2204533

 3253114

 4301696

 5415814

 6464396

 7512978

 8561559

 9675677

# Harmonies

## Analogous

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



6986815



41833



42650

# Triad

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



41833



4690156



14642519

# Complementary

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



41833



10682426

# 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.



15033220



41833



10583514

# Square

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



41833



40422



13789875



12877620

# Rectangle

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



41833



42425



13789875



14903397



# Sweetspot

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



41833



9753789



3973888



4549469



15461355



7039851



# Same Dimension

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



41833



54408



36259



4805199



37214



4619



# Inverse Universe

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



10682426



13893707



10688000



5392716



9502772



1179654



# Previews

## White Background



This preview shows how the Decimal color 41833 looks on a white background.

## Color Contrast Check

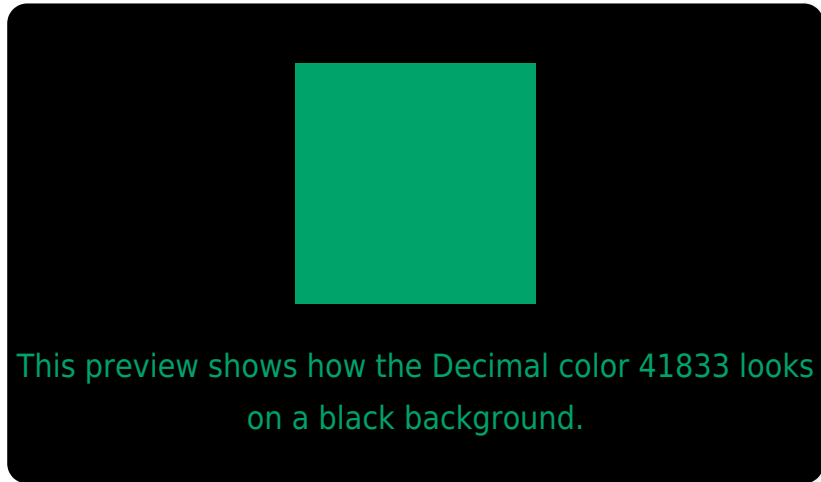
Large Text (above 18pt) WCAG AA ✓ Pass

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

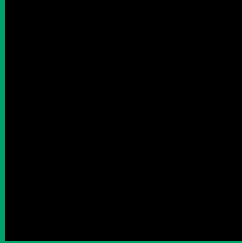
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 41833 Background



This preview shows how black text looks on a background with the Decimal color 41833.



This preview shows how white text looks on a background with the Decimal color 41833.

# 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**  
3775400

# Trichromacy



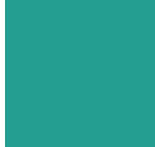
**Original Color**  
41833



**Protanomaly**  
6395235



**Deuteranomaly**  
6918765



**Tritanomaly**  
2399889

# Monochromacy



**Original Color**  
41833



**Achromatopsia**  
7105644



**Achromatomaly**  
4554859

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 41833 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 #00A369 looks like.

```
.text, #text, p{  
    color:#00A369  
}
```

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 #00A369 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A369
}
```

## Border

The CSS property to change the border of an element to Decimal 41833 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
#00A369 }
```

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

```
.border{ border-color:#00A369 }
```

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

Here you see how a box with a 4 pixel #00A369 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A369; -webkit-box-shadow:4px 4px  
4px 4px #00A369; box-shadow:4px 4px 4px  
4px #00A369 }
```

# Background

The CSS property to change the background color of an element to Decimal 41833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A369 }
```

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

```
.background{ background-color:#00A369 }
```

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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