

Converting Colors

Decimal(42851)

Have a look what the booklet for
Decimal(42851) contains.

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Color

Decimal(42851)

Conversions

Conversions Part 1

Format	Color
Hex	00A763
RGB	0, 167, 99
RGB Percent	0%, 65%, 39%
CMY	1.0000, 0.3451, 0.6118
CMYK	1.00, 0.00, 0.41, 0.35
HSL	156°, 100%, 33%
HSV	156°, 100%, 65%
XYZ	16.0708, 28.5383, 16.4658
YIQ	109.3150, -77.7040, -56.5520

Conversions

Conversions Part 2

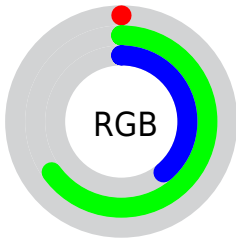
Format	Color
RYB	0, 105, 167
Decimal	42851
CIELab	60.37, -52.71, 25.12
CIELCh	60, 58.386, 154.516
Yxy	28.5383, 0.2631, 0.4673
Android (android.graphics.Color)	4278232931 (0xFF00A763)
YUV	109.3150, -5.0853, -95.8693
Hunter-Lab	53.4212, -39.7886, 19.1202

Details

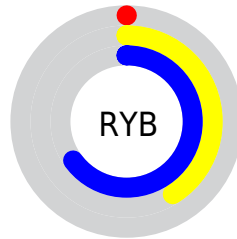
The Decimal color **42851** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **10944580**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **6021014**, and **28979** is the 20% darker color. If you saturate the color by 10%, you get **42851**, and if you desaturate by 10%, it is **1156970**.

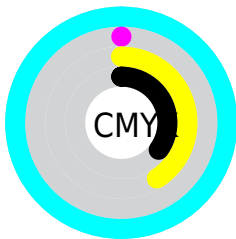
Distribution



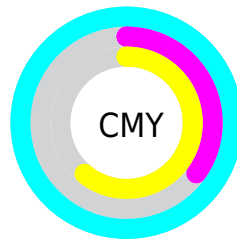
- Red (0%)
- Green (65%)
- Blue (39%)



- Red (0%)
- Yellow (41%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 42851 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 42851 by changing the saturation by 10% instead.

 42851	 42851
 16777215	 35915
 6021014	 28979
 7994545	 22557
 9961421	 16133
 11927529	 10496
 13893631	 768
 15859711	 0

 42851

 1156970


 2205553

 3319671

 4433790

 5482373

 6596492

 7710611

 8824729

 9873312

Harmonies

Analogous

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



7380790



42851



43672

Triad

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



42851



200472



15362650

Complementary

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



42851



10944580

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.



15622540



42851



10322407

Square

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



42851



41710



14052287



13598258

Rectangle

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



42851



43707



14052287



15623530

Sweetspot

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



42851



10017214



4630272



4615774



15592941



7237230

Same Dimension

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



42851



55680



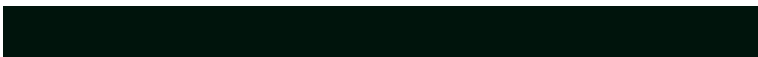
39335



5002321



37976



5132

Inverse Universe

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



10944580



14221400



10948096



5524559



9699388



1310728

Previews

White Background



This preview shows how the Decimal color 42851 looks on a white background.

Color Contrast Check

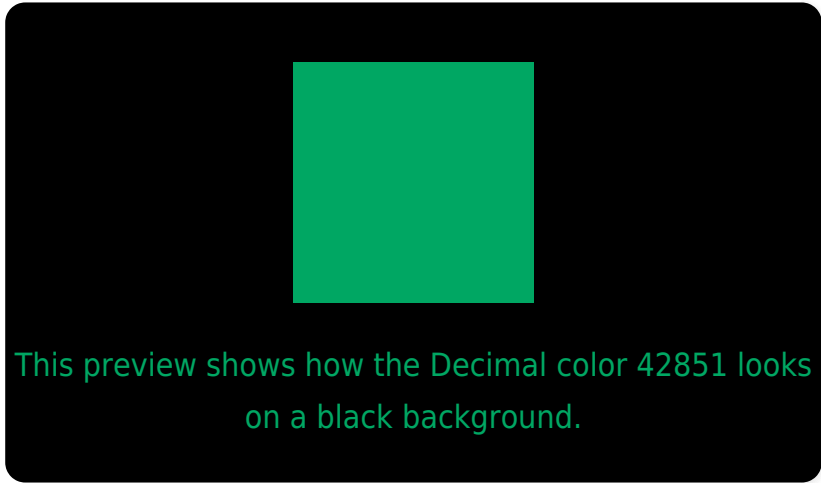
Large Text (above 18pt) WCAG AA ✓ Pass

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 42851 Background



This preview shows how black text looks on a background with the Decimal color 42851.




This preview shows how white text looks on a background with the Decimal color 42851.

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](#).

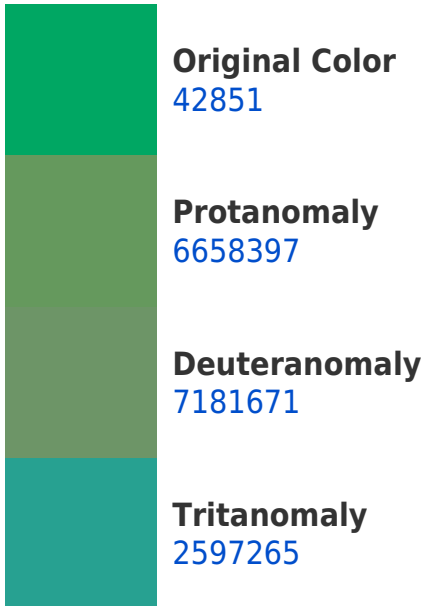
Dichromacy





Tritanopia
4038315

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 42851 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 #00A763 looks like.

```
.text, #text, p{  
    color:#00A763  
}
```

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 #00A763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A763
}
```

Border

The CSS property to change the border of an element to Decimal 42851 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
#00A763 }
```

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

```
.border{ border-color:#00A763 }
```

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

Here you see how a box with a 4 pixel #00A763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A763; -webkit-box-shadow:4px 4px  
4px 4px #00A763; box-shadow:4px 4px 4px  
4px #00A763 }
```

Background

The CSS property to change the background color of an element to Decimal 42851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A763 }
```

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

```
.background{ background-color:#00A763 }
```

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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