

Converting Colors

Decimal(41539)

Have a look what the booklet for
Decimal(41539) contains.

Decimal(41539)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(41539)

Conversions

Conversions Part 1

Format	Color
Hex	00A243
RGB	0, 162, 67
RGB Percent	0%, 64%, 26%
CMY	1.0000, 0.3647, 0.7373
CMYK	1.00, 0.00, 0.59, 0.36
HSL	145°, 100%, 32%
HSV	145°, 100%, 64%
XYZ	13.9334, 26.2459, 9.6418
YIQ	102.7320, -66.0570, -63.8890

Conversions

Conversions Part 2

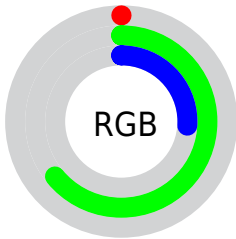
Format	Color
RYB	0, 115, 162
Decimal	41539
CIELab	58.27, -56.49, 38.91
CIELCh	58, 68.591, 145.443
Yxy	26.2459, 0.2797, 0.5268
Android (android.graphics.Color)	4278231619 (0xFF00A243)
YUV	102.7320, -17.6159, -90.0960
Hunter-Lab	51.2308, -41.1064, 24.7030

Details

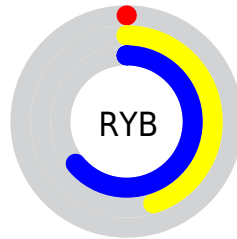
The Decimal color **41539** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **10616927**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **5954166**, and **27919** is the 20% darker color. If you saturate the color by 10%, you get **41539**, and if you desaturate by 10%, it is **1090124**.

Distribution



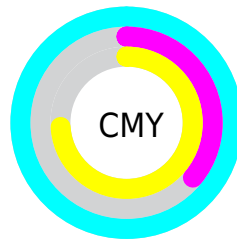
- Red (0%)
- Green (64%)
- Blue (26%)



- Red (0%)
- Yellow (45%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 41539 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 41539 by changing the saturation by 10% instead.

 41539  41539

16777215  34602

 5954166  27919

 7927696  21248

 9895851  15104

 11861959  8960

 13828067  0

 15794175

 41539

 1090124

 2138710

 3252831

 4301417

 5350002

 6398588

 7447173

 8561295

 9609881

Harmonies

Analogous

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



7772160



41539



42881

Triad

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



41539



38655



16012124

Complementary

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



41539



10616927

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.



15814040



41539



7831801

Square

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



41539



41967



13329361



14445861

Rectangle

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



41539



43178



13329361



16207472

Sweetspot

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



41539



9753774



6398464



4549460



15461355



7039851

Same Dimension

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



41539



54360



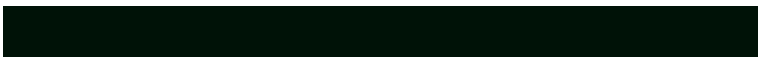
41618



4805197



37180



4615

Inverse Universe

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



10616927



13893756



10616848



5392718



9502805



1179658

Previews

White Background



This preview shows how the Decimal color 41539 looks on a white background.

Color Contrast Check

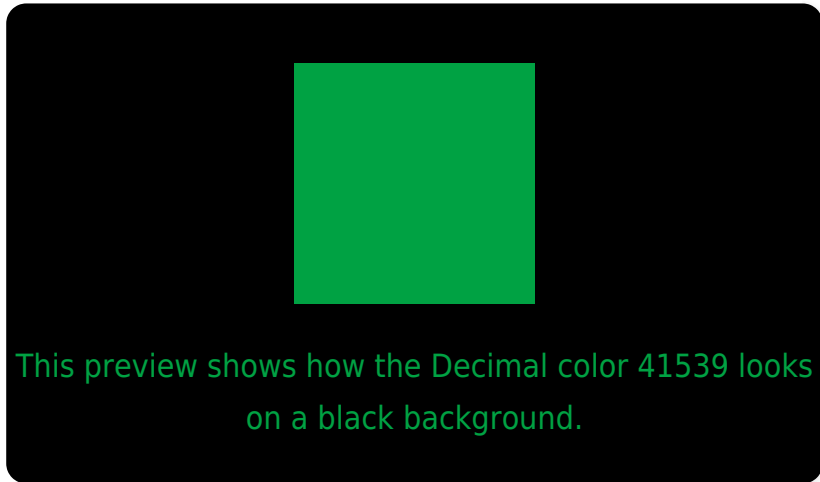
Large Text (above 18pt) WCAG AA ✓ Pass

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 41539 Background



This preview shows how black text looks on a background with the Decimal color 41539.

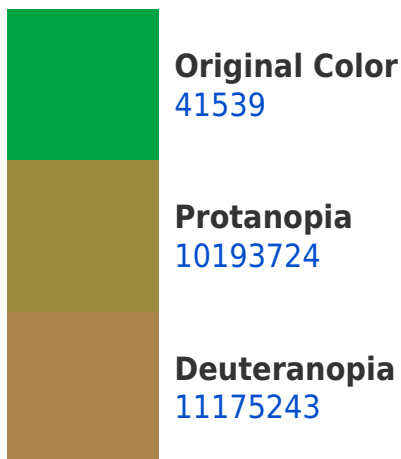



This preview shows how white text looks on a background with the Decimal color 41539.

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
4233380

Trichromacy



Original Color
41539



Protanomaly
6525759



Deuteranomaly
7114824



Tritanomaly
2727041

Monochromacy



Original Color
41539



Achromatopsia
6776679



Achromatomaly
4357210

CSS Examples

Text

The CSS property to change the color of the text to Decimal 41539 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 #00A243 looks like.

```
.text, #text, p{  
    color:#00A243  
}
```

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 #00A243 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A243
}
```

Border

The CSS property to change the border of an element to Decimal 41539 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".

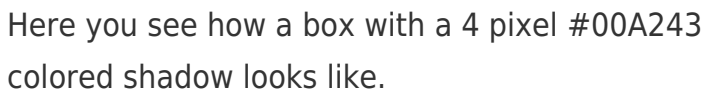
```
.border, #border, table{ border:4px solid
#00A243 }
```

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

```
.border{ border-color:#00A243 }
```

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

Here you see how a box with a 4 pixel #00A243 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A243; -webkit-box-shadow:4px 4px  
4px 4px #00A243; box-shadow:4px 4px 4px  
4px #00A243 }
```

Background

The CSS property to change the background color of an element to Decimal 41539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A243 }
```

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

```
.background{ background-color:#00A243 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor