

Converting Colors

Decimal(1499003)

Have a look what the booklet for
Decimal(1499003) contains.

Decimal(1499003)	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(1499003)

Conversions

Conversions Part 1

Format	Color
Hex	16DF7B
RGB	22, 223, 123
RGB Percent	9%, 87%, 48%
CMY	0.9137, 0.1255, 0.5176
CMYK	0.90, 0.00, 0.45, 0.13
HSL	150°, 82%, 48%
HSV	150°, 90%, 87%
XYZ	30.2937, 54.3760, 27.6379
YIQ	151.5010, -87.6960, -73.7120

Conversions

Conversions Part 2

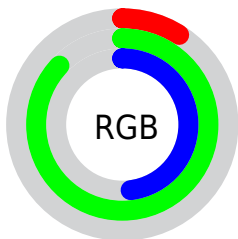
Format	Color
R_{YB}	22, 156, 223
Decimal	1499003
CIE _{Lab}	78.68, -66.57, 36.61
CIE _{LCh}	79, 75.969, 151.190
Yxy	54.3760, 0.2697, 0.4842
Android (android.graphics.Color)	4279689083 (0xFF16DF7B)
YUV	151.5010, -14.0510, -113.5724
Hunter-Lab	73.7401, -55.7142, 29.3961

Details

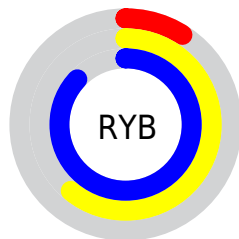
The Decimal color **1499003** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **14620282**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **7339953**, and **42568** is the 20% darker color. If you saturate the color by 10%, you get **57200**, and if you desaturate by 10%, it is **2940806**.

Distribution



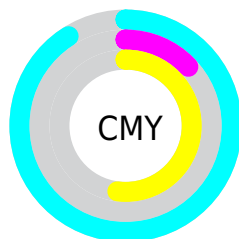
- Red (9%)
- Green (87%)
- Blue (48%)



- Red (9%)
- Yellow (61%)
- Blue (87%)



- Cyan (90%)
- Magenta (0%)
- Yellow (45%)
- Black (13%)



- Cyan (91%)
- Magenta (13%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1499003 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 1499003 by changing the saturation by 10% instead.

 1499003

 1499003

16777215

 49761

 7339953

 42568

 9502668

 35632

 11599849

 28694

 13631487

 22016

 15663103

 15616

 9216

 0

 1499003

 1499003

■ 57200

■ 2940806

■ 4448145

■ 5889948

■ 7331751

■ 8839090

■ 10280894

■ 11722697

■ 13164500

■ 14671839

Harmonies

Analogous

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



10343485



1499003



58563

Triad

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



1499003



51967



16746878

Complementary

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



1499003



14620282

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.



16744131



1499003



13021183

Square

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



1499003



56319



16748799



16753987

Rectangle

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



1499003



58612



16748799



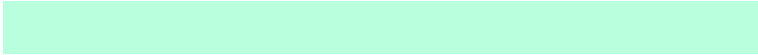
16745108

Sweetspot

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



1499003



12255197



8118038



5734507



0



8421504

Same Dimension

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



1499003



65408



1499103



6647915



45144



12312

Inverse Universe

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



14620282



16711807



14620182



7365995



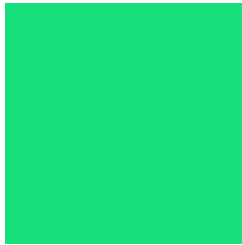
11534424



3145752

Previews

White Background



This preview shows how the Decimal color 1499003 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 1499003 looks on a 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 ✓ Pass

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

Decimal 1499003 Background



This preview shows how black text looks on a background with the Decimal color 1499003.

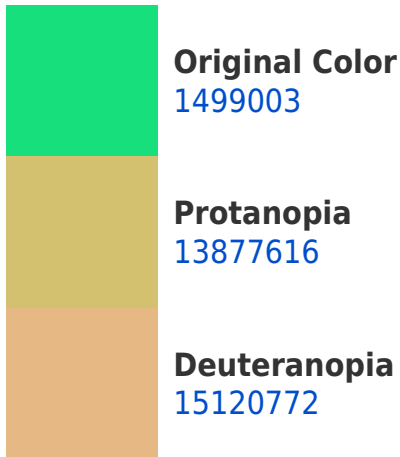


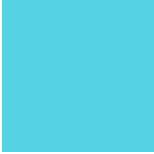
This preview shows how white text looks on a background with the Decimal color 1499003.

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](#).

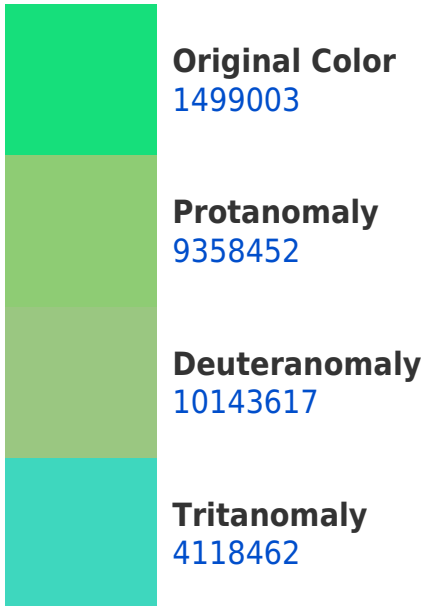
Dichromacy



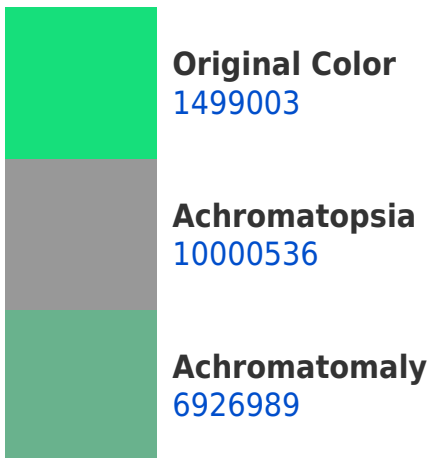


Tritanopia
5624804

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 1499003 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 #16DF7B looks like.

```
.text, #text, p{  
    color:#16DF7B  
}
```

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 #16DF7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16DF7B
}
```

Border

The CSS property to change the border of an element to Decimal 1499003 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
#16DF7B }
```

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

```
.border{ border-color:#16DF7B }
```

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

Here you see how a box with a 4 pixel #16DF7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16DF7B; -webkit-box-shadow:4px 4px  
4px 4px #16DF7B; box-shadow:4px 4px 4px  
4px #16DF7B }
```

Background

The CSS property to change the background color of an element to Decimal 1499003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16DF7B }
```

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

```
.background{ background-color:#16DF7B }
```

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