

Converting Colors

Decimal(4880999)

Have a look what the booklet for
Decimal(4880999) contains.

Decimal(4880999)	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(4880999)

Conversions

Conversions Part 1

Format	Color
Hex	4A7A67
RGB	74, 122, 103
RGB Percent	29%, 48%, 40%
CMY	0.7098, 0.5216, 0.5961
CMYK	0.39, 0.00, 0.16, 0.52
HSL	156°, 24%, 38%
HSV	156°, 39%, 48%
XYZ	12.2318, 16.3542, 15.3440
YIQ	105.4820, -22.5090, -16.0850

Conversions

Conversions Part 2

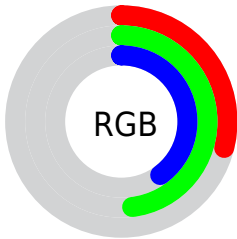
Format	Color
R_{YB}	74, 104, 122
Decimal	4880999
CIE _{Lab}	47.44, -20.99, 5.29
CIE _{LCh}	47, 21.650, 165.844
Yxy	16.3542, 0.2784, 0.3723
Android (android.graphics.Color)	4283071079 (0xFF4A7A67)
YUV	105.4820, -1.2236, -27.6097
Hunter-Lab	40.4403, -16.7806, 5.8123

Details

The Decimal color **4880999** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8014429**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **8236954**, and **1657144** is the 20% darker color. If you saturate the color by 10%, you get **4094562**, and if you desaturate by 10%, it is **5667436**.

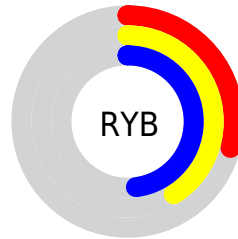
Distribution



Red (29%)

Green (48%)

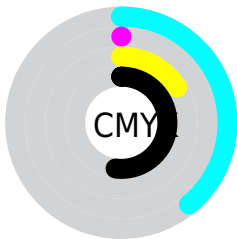
Blue (40%)



Red (29%)

Yellow (41%)

Blue (48%)

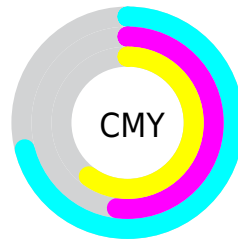


Cyan (39%)

Magenta (0%)

Yellow (16%)

Black (52%)



Cyan (71%)

Magenta (52%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4880999 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 4880999 by changing the saturation by 10% instead.

■ 4880999

■ 4880999

16777215

■ 3301711

■ 8236954

■ 1657144

■ 9947829

■ 12835

■ 11790032

■ 7693

■ 13565933

■ 0

■ 15466495

■ 4880999

■ 4880999

■ 4094562

■ 5667436

■ 3308125

■ 6453873

■ 2456153

■ 7305845

■ 1669716

■ 8092282

■ 883279

■ 8878719

■ 96842

■ 9665156

■ 31306

■ 10451593

■ 11303566

■ 12090002

Harmonies

Analogous

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



6256471



4880999



3832698

Triad

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



4880999



6778771



9529175

Complementary

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



4880999



8014429

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.



9790311



4880999



8350090

Square

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



4880999



5076371



9397370



8744013

Rectangle

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



4880999



3635845



9397370



9725276

Sweetspot

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



4880999



9150103



6126154



4476747



13619151



5197647

Same Dimension

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



4880999



5545601



4879738



3620155



32075



64665

Inverse Universe

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



8014429



10376305



8015690



4011834



8192049



16515172

Previews

White Background



This preview shows how the Decimal color 4880999 looks on a white background.

Color Contrast Check

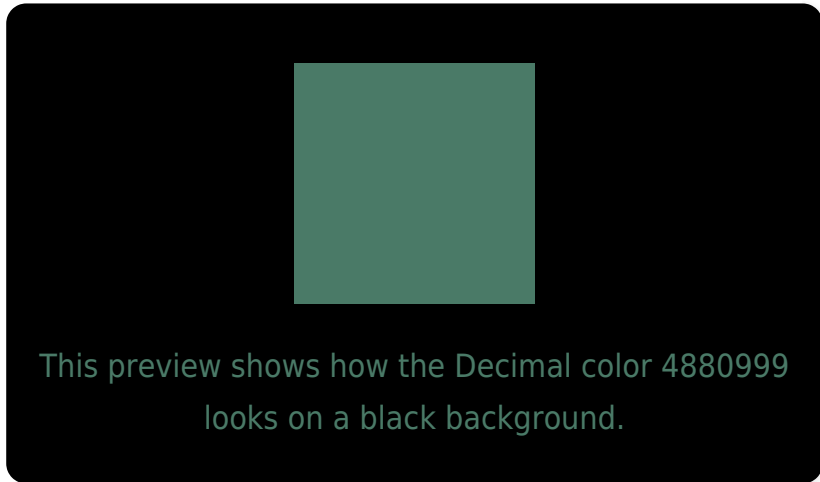
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

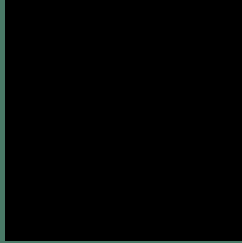
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 4880999 Background



This preview shows how black text looks on a background with the Decimal color 4880999.

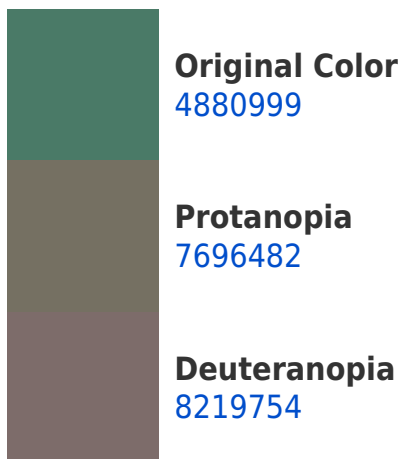


This preview shows how white text looks on a background with the Decimal color 4880999.

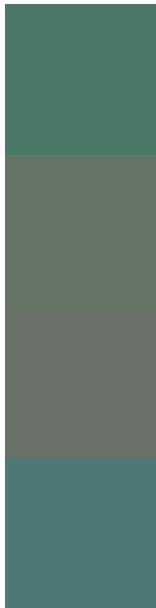
Color Blindness Simulation

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



Trichromacy



Original Color
4880999

Protanomaly
6648932

Deuteranomaly
6975849

Tritanomaly
5142391

Monochromacy



Original Color
4880999

Achromatopsia
6908265

Achromatomaly
6188904

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4880999 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 #4A7A67 looks like.

```
.text, #text, p{  
  color:#4A7A67  
}
```

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 #4A7A67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7A67
}
```

Border

The CSS property to change the border of an element to Decimal 4880999 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
#4A7A67 }
```

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

```
.border{ border-color:#4A7A67 }
```

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

Here you see how a box with a 4 pixel #4A7A67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7A67; -webkit-box-shadow:4px 4px  
4px 4px #4A7A67; box-shadow:4px 4px 4px  
4px #4A7A67 }
```

Background

The CSS property to change the background color of an element to Decimal 4880999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7A67 }
```

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

```
.background{ background-color:#4A7A67 }
```

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