

# Converting Colors

Decimal(4880763)

Have a look what the booklet for  
Decimal(4880763) contains.

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# Color

**Decimal(4880763)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A797B
RGB	74, 121, 123
RGB Percent	29%, 47%, 48%
CMY	0.7098, 0.5255, 0.5176
CMYK	0.40, 0.02, 0.00, 0.52
HSL	182°, 25%, 39%
HSV	182°, 40%, 48%
XYZ	13.2366, 16.5607, 21.2378
YIQ	107.1750, -28.6540, -9.3420

# Conversions

## Conversions Part 2

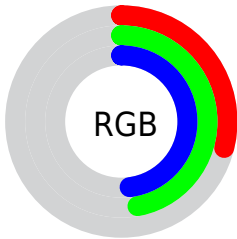
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 98, 123
Decimal	4880763
CIE <sub>Lab</sub>	47.70, -15.41, -6.16
CIE <sub>LCh</sub>	48, 16.592, 201.784
Yxy	16.5607, 0.2594, 0.3245
Android (android.graphics.Color)	4283070843 (0xFF4A797B)
YUV	107.1750, 7.8017, -29.0945
Hunter-Lab	40.6948, -13.1562, -2.4559

# Details

The Decimal color **4880763** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8080458**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **8236463**, and **1525834** is the 20% darker color. If you saturate the color by 10%, you get **4094075**, and if you desaturate by 10%, it is **5667451**.

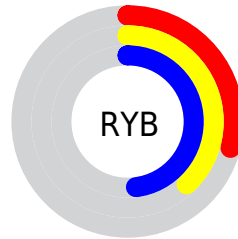
# Distribution



Red (29%)

Green (47%)

Blue (48%)



Red (29%)

Yellow (38%)

Blue (48%)

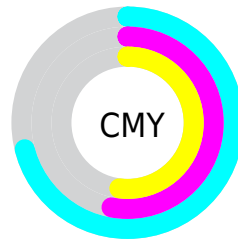


Cyan (40%)

Magenta (2%)

Yellow (0%)

Black (52%)



Cyan (71%)

Magenta (53%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4880763 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 4880763 by changing the saturation by 10% instead.





4880763



4880763

16777215



3235938



8236463



1525834



10013131



12852



11789799



7455



13631487



5



15532031



0



4880763



4880763



4094075



5667451



3242107



6519419

■ 2455419

■ 7306107

■ 1668987

■ 8092539

■ 882299

■ 8944763

■ 30331

■ 9731195

■ 10517883

■ 11304315

■ 12156539

# Harmonies

## Analogous

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



5405037



4880763



5076871

# Triad

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



4880763



8415875



8351574

# Complementary

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



4880763



8080458

# 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.



9071196



4880763



9136246

# Square

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



4880763



7237515



9332839



7435095

# Rectangle

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



4880763



5666187



9332839



8613207



# Sweetspot

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



4880763



9281697



4881228



4608338



13750737



5395026



# Same Dimension

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



4880763



5545633



4874619



3620157



30845



62204



# Inverse Universe

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



8079993



10572958



8086602



4011837



8192120

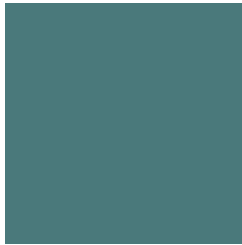


16515314



# Previews

## White Background



This preview shows how the Decimal color 4880763 looks on a white background.

## Color Contrast Check

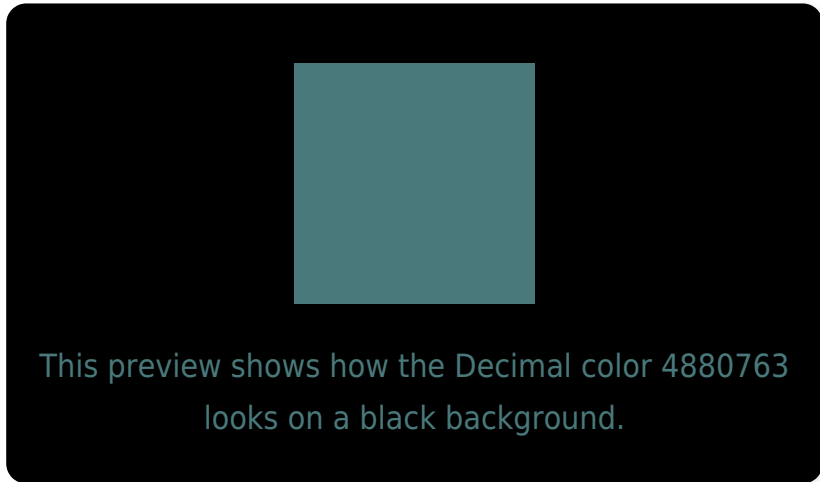
Large Text (above 18pt) WCAG AA ✓ Pass

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

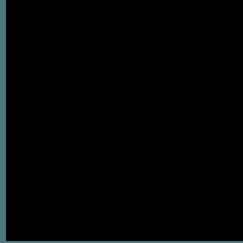
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4880763 Background



This preview shows how black text looks on a background with the Decimal color 4880763.

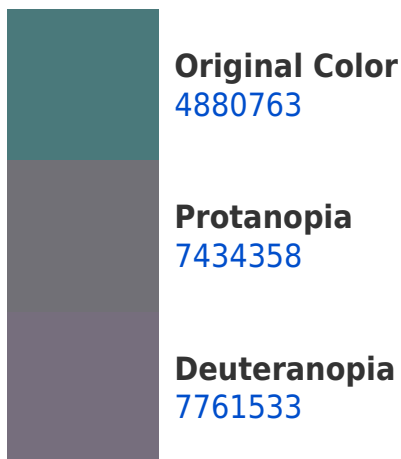


This preview shows how white text looks on a background with the Decimal color 4880763.

# Color Blindness Simulation

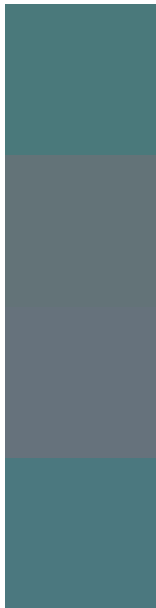
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
4880763

**Protanomaly**  
6517624

**Deuteranomaly**  
6713980

**Tritanomaly**  
4946047

# Monochromacy



**Original Color**  
4880763

**Achromatopsia**  
7039851

**Achromatomaly**  
6254705

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4880763 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 #4A797B looks like.

```
.text, #text, p{  
    color:#4A797B  
}
```

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 #4A797B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A797B
}
```

## Border

The CSS property to change the border of an element to Decimal 4880763 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
#4A797B }
```

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

```
.border{ border-color:#4A797B }
```

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

Here you see how a box with a 4 pixel #4A797B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A797B; -webkit-box-shadow:4px 4px  
4px 4px #4A797B; box-shadow:4px 4px 4px  
4px #4A797B }
```

# Background

The CSS property to change the background color of an element to Decimal 4880763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A797B }
```

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

```
.background{ background-color:#4A797B }
```

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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