

# Converting Colors

Decimal(4897182)

Have a look what the booklet for  
Decimal(4897182) contains.

<b>Decimal(4897182)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(4897182)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4AB99E
RGB	74, 185, 158
RGB Percent	29%, 73%, 62%
CMY	0.7098, 0.2745, 0.3804
CMYK	0.60, 0.00, 0.15, 0.27
HSL	165°, 44%, 51%
HSV	165°, 60%, 73%
XYZ	26.3446, 38.6224, 38.4141
YIQ	148.7330, -57.4890, -31.9290

# Conversions

## Conversions Part 2

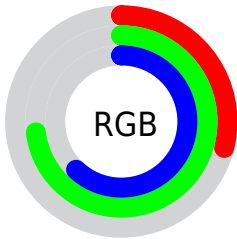
Format	Color
<a href="#">RYB</a>	<a href="#">74, 137, 185</a>
Decimal	<a href="#">4897182</a>
CIELab	<a href="#">68.48, -38.12, 4.33</a>
CIElCh	<a href="#">68, 38.367, 173.522</a>
Yxy	<a href="#">38.6224, 0.2548, 0.3736</a>
Android (android.graphics.Color)	<a href="#">4283087262</a> (0xFF4AB99E)
YUV	<a href="#">148.7330, 4.5686, -65.5408</a>
Hunter-Lab	<a href="#">62.1469, -33.0896, 6.8546</a>

# Details

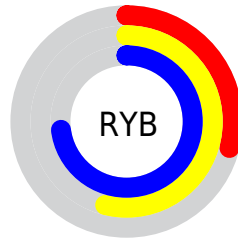
The Decimal color **4897182** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **12143205**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **8778453**, and **33643** is the 20% darker color. If you saturate the color by 10%, you get **3717530**, and if you desaturate by 10%, it is **6142371**.

# Distribution



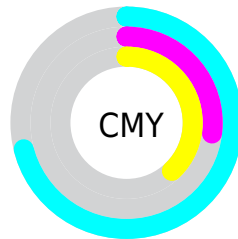
- Red (29%)
- Green (73%)
- Blue (62%)



- Red (29%)
- Yellow (54%)
- Blue (73%)



- Cyan (60%)
- Magenta (0%)
- Yellow (15%)
- Black (27%)



- Cyan (71%)
- Magenta (27%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4897182 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 4897182 by changing the saturation by 10% instead.





4897182



4897182

16777215



2662020



8778453



33643



10682353



26963



12582911



20540



14483455



14630



16449535



9233



0



4897182



4897182



3717530



6142371

■ 2472341

■ 7322023

■ 1227153

■ 8567212

■ 47500

■ 9746864

■ 10992053

■ 12171705

■ 13416893

■ 14596546

■ 15841734

# Harmonies

## Analogous

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



7976317



4897182



113089

# Triad

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



4897182



10527206



14587504

# Complementary

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



4897182



12143205

# 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.



15371661



4897182



13341905

# Square

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



4897182



6729195



15043760



12886626

# Rectangle

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



4897182



47062



15043760



14979961



# Sweetspot

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



4897182



12972261



6732106



6125681



16250871



7895160



# Same Dimension

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



4897182



4452550



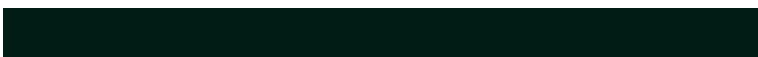
4890041



5463130



40054



7189



# Inverse Universe

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



12143205



15745901



12150346



6050645



10223654

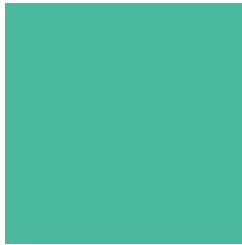


1835015



# Previews

## White Background



This preview shows how the Decimal color 4897182 looks on a white background.

## Color Contrast Check

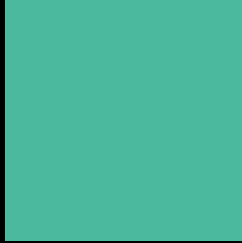
Large Text (above 18pt) WCAG AA × Fail

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 4897182 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

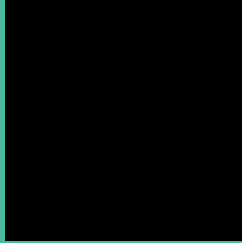
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

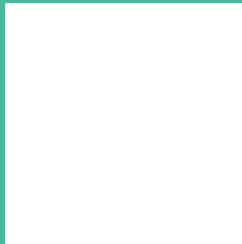
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4897182 Background



This preview shows how black text looks on a background with the Decimal color 4897182.



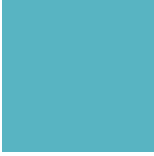
This preview shows how white text looks on a background with the Decimal color 4897182.

# 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



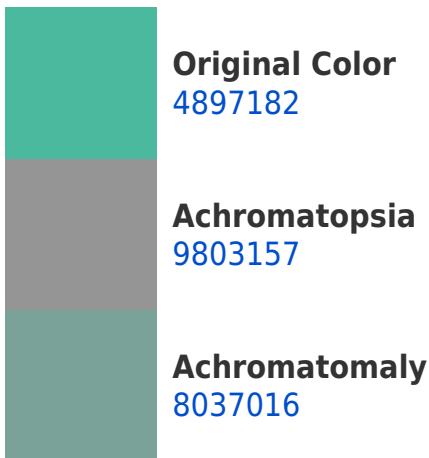


**Tritanopia**  
5813442

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4897182 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 #4AB99E looks like.

```
.text, #text, p{  
  color:#4AB99E  
}
```

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 #4AB99E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AB99E
}
```

## Border

The CSS property to change the border of an element to Decimal 4897182 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
#4AB99E }
```

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

```
.border{ border-color:#4AB99E }
```

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

Here you see how a box with a 4 pixel #4AB99E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AB99E; -webkit-box-shadow:4px 4px  
4px 4px #4AB99E; box-shadow:4px 4px 4px  
4px #4AB99E }
```

# Background

The CSS property to change the background color of an element to Decimal 4897182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AB99E }
```

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

```
.background{ background-color:#4AB99E }
```

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