

# Converting Colors

Hex(57D8AD)

Have a look what the booklet for  
Hex(57D8AD) contains.

<b>Hex(57D8AD)</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**

**Hex(57D8AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57D8AD
RGB	87, 216, 173
RGB Percent	34%, 85%, 68%
CMY	0.6588, 0.1529, 0.3216
CMYK	0.60, 0.00, 0.20, 0.15
HSL	160°, 62%, 59%
HSV	160°, 60%, 85%
XYZ	36.0292, 54.1551, 48.0892
YIQ	172.5270, -63.0810, -40.7210

# Conversions

## Conversions Part 2

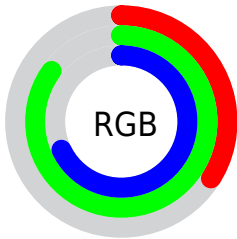
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 164, 216
Decimal	5757101
CIELab	78.55, -45.69, 10.71
CIElCh	79, 46.930, 166.806
Yxy	54.1551, 0.2606, 0.3917
Android (android.graphics.Color)	4283947181 (0xFF57D8AD)
YUV	172.5270, 0.2332, -75.0072
Hunter-Lab	73.5901, -41.3905, 12.7687

# Details

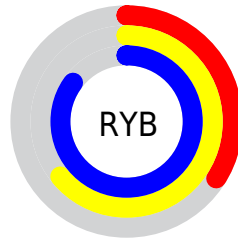
The Hex color **57D8AD** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **D85782**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **94FFE4**, and **00A079** is the 20% darker color. If you saturate the color by 10%, you get **41D8A6**, and if you desaturate by 10%, it is **6DD8B4**.

# Distribution



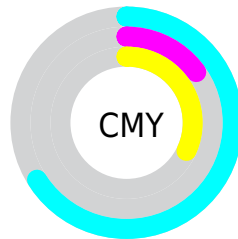
- Red (34%)
- Green (85%)
- Blue (68%)



- Red (34%)
- Yellow (64%)
- Blue (85%)



- Cyan (60%)
- Magenta (0%)
- Yellow (20%)
- Black (15%)



- Cyan (66%)
- Magenta (15%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57D8AD 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 Hex color 57D8AD by changing the saturation by 10% instead.



 57D8AD

 57D8AD

FFFFFF

 35BC92

 94FFE4

 00A079

 B1FFFF

 008560

 CFFFFFF

 006B48

 EDFFFF

 005232

 003A1C

 002403

 000000

 57D8AD

 57D8AD

 41D8A6

 6DD8B4

 2CD89F

 82D8BB

 16D897

 98D8C3

 01D890

 ADD8CA

 00D890

 C3D8D1

 D9D8D8

 EED8DF

 FFD8E7

 FFD8EE

# Harmonies

## Analogous

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



94D285



57D8AD



00D9DA

# Triad

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



57D8AD



A9BEFF



FFAA85

# Complementary

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



57D8AD



D85782

# 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.



FFA0AB



57D8AD



E6AEFE

# Square

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



57D8AD



55CCFF



FFA2D8



EFB96D

# Rectangle

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



57D8AD



00D7F5



FFA2D8



FFA690

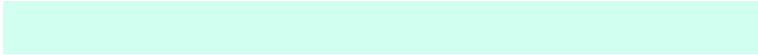


# Sweetspot

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



57D8AD



D1FFF0



82D857



638076



000000



808080



# Same Dimension

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



57D8AD



47FFC2



57C2D8



606B68



00AB72



002B1D



# Inverse Universe

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



D85782



FF4785



D86D57



6B6064



AB0039

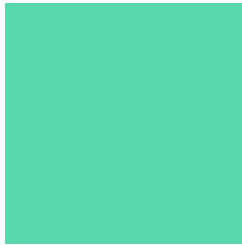


2B000E



# Previews

## White Background



This preview shows how the Hex color 57D8AD looks on a white background.

## Color Contrast Check

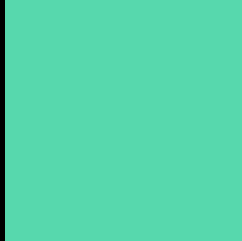
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 57D8AD 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](#).



## Hex 57D8AD Background



This preview shows how black text looks on a background with the Hex color 57D8AD.

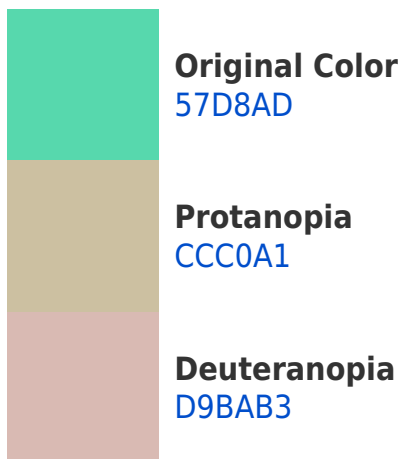


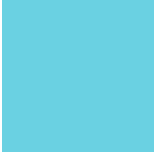
This preview shows how white text looks on a background with the Hex color 57D8AD.

# 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](#).

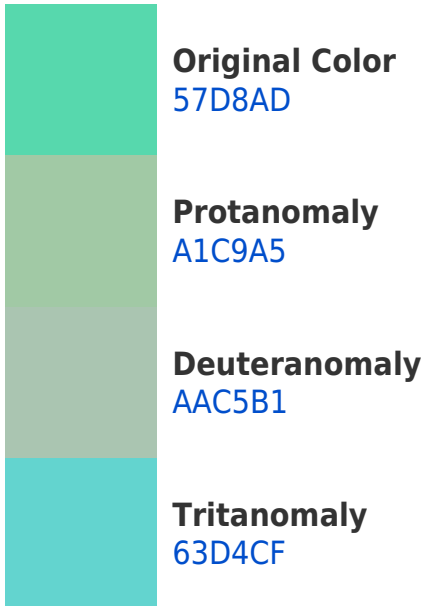
## Dichromacy



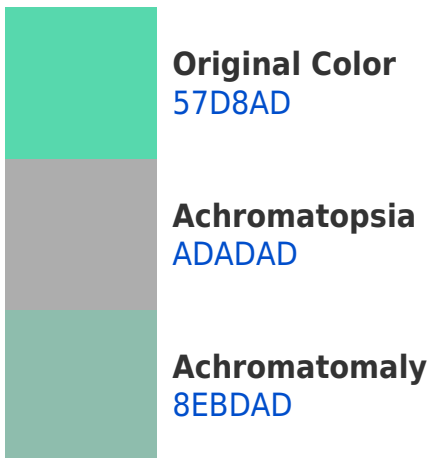


**Tritanopia**  
6AD1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57D8AD 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 #57D8AD looks like.

```
.text, #text, p{  
    color:#57D8AD  
}
```

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 #57D8AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57D8AD }  
}
```

## Border

The CSS property to change the border of an element to Hex 57D8AD 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 #57D8AD }  
}
```

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

```
.border{ border-color:#57D8AD }
```

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

Here you see how a box with a 4 pixel #57D8AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57D8AD; -webkit-box-shadow:4px 4px  
4px 4px #57D8AD; box-shadow:4px 4px 4px  
4px #57D8AD }
```

# Background

The CSS property to change the background color of an element to Hex 57D8AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57D8AD }
```

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

```
.background{ background-color:#57D8AD }
```

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