

# Converting Colors

Hex(57DBAE)

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

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**Color**

**Hex(57DBAE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57DBAE
RGB	87, 219, 174
RGB Percent	34%, 86%, 68%
CMY	0.6588, 0.1412, 0.3176
CMYK	0.60, 0.00, 0.21, 0.14
HSL	160°, 65%, 60%
HSV	160°, 60%, 86%
XYZ	36.9020, 55.7453, 48.8594
YIQ	174.4020, -64.2270, -41.9790

# Conversions

## Conversions Part 2

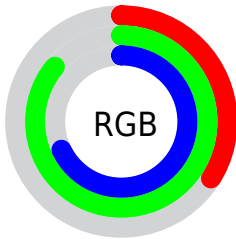
Format	Color
<a href="#">RYB</a>	<a href="#">87, 167, 219</a>
Decimal	<a href="#">5757870</a>
CIELab	<a href="#">79.47, -46.74, 11.48</a>
CIELCh	<a href="#">79, 48.133, 166.198</a>
Yxy	<a href="#">55.7453, 0.2608, 0.3939</a>
Android (android.graphics.Color)	<a href="#">4283947950 (0xFF57DBAE)</a>
YUV	<a href="#">174.4020, -0.1982, -76.6516</a>
Hunter-Lab	<a href="#">74.6628, -42.4364, 13.4645</a>

# Details

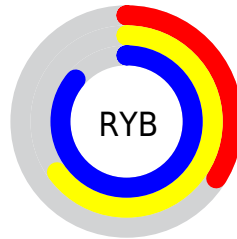
The Hex color **57DBAE** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DB5784**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **94FFE6**, and **00A37A** is the 20% darker color. If you saturate the color by 10%, you get **41DBA7**, and if you desaturate by 10%, it is **6DDBB5**.

# Distribution



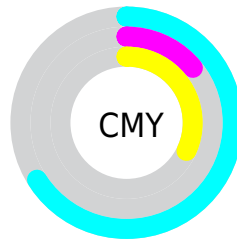
- Red (34%)
- Green (86%)
- Blue (68%)



- Red (34%)
- Yellow (65%)
- Blue (86%)



- Cyan (60%)
- Magenta (0%)
- Yellow (21%)
- Black (14%)



- Cyan (66%)
- Magenta (14%)
- Yellow (32%)

# Brightness & Saturation Gradients

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



 57DBAE

 57DBAE

FFFFFF

 34BF93

 94FFE6

 00A37A

 B2FFFF

 008861

 D0FFFF

 006E49

 EEEFFF

 005532

 003C1D

 002705

 000000

 57DBAE

 57DBAE

 41DBA7

 6DDBB5

 2BDB9F

 83DBBD

 15DB98

 99DBC4

 00DB90

 AFDBCC

 C4DBD3

 DADBDB

 F0DBE2

 FFDBEA

 FFDBF1

# Harmonies

## Analogous

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



97D585



57DBAE



00DCDC

# Triad

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



57DBAE



A9C1FF



FFAB86

# Complementary

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



57DBAE



DB5784

# 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.



FFA1AE



57DBAE



E8B0FF

# Square

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



57DBAE



50D0FF



FFA3DC



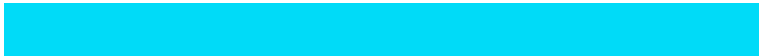
F3BB6D

# Rectangle

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



57DBAE



00DBF8



FFA3DC



FFA792

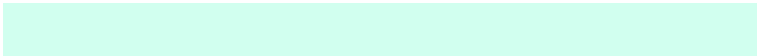


# Sweetspot

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



57DBAE



D1FFEF



85DB57



638076



000000



808080



# Same Dimension

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



57DBAE



47FFC0



57C7DB



636E6A



00AD72



002E1E



# Inverse Universe

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



DB5784



FF4786



DB6B57



6E6366



AD003B

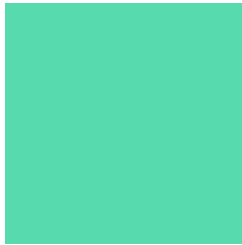


2E0010



# Previews

## White Background



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

## Color Contrast Check

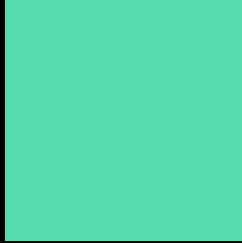
Large Text (above 18pt) WCAG AA × Fail

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 57DBAE 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 57DBAE Background



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

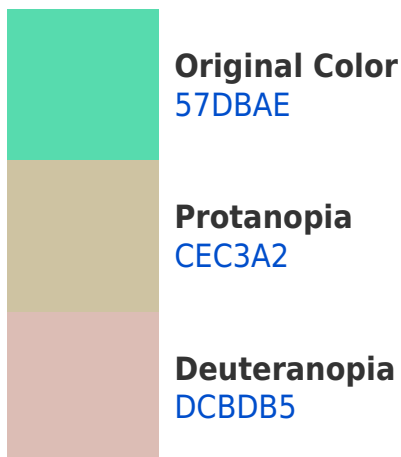


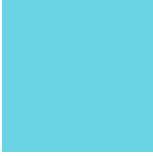
This preview shows how white text looks on a background with the Hex color 57DBAE.

# 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**  
6AD4E5

# Trichromacy



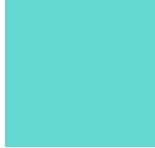
**Original Color**  
57DBAE



**Protanomaly**  
A3CCA6



**Deuteranomaly**  
ACC8B2



**Tritanomaly**  
63D7D1

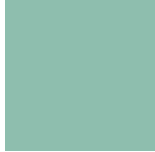
# Monochromacy



**Original Color**  
57DBAE



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
8EBEAE

# CSS Examples

## Text

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

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

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 #57DBAE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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