

Converting Colors

Hex(57DBAD)

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

Hex(57DBAD)	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

Hex(57DBAD)

Conversions

Conversions Part 1

Format	Color
Hex	57DBAD
RGB	87, 219, 173
RGB Percent	34%, 86%, 68%
CMY	0.6588, 0.1412, 0.3216
CMYK	0.60, 0.00, 0.21, 0.14
HSL	159°, 65%, 60%
HSV	159°, 60%, 86%
XYZ	36.8048, 55.7064, 48.3478
YIQ	174.2880, -63.9060, -42.2900

Conversions

Conversions Part 2

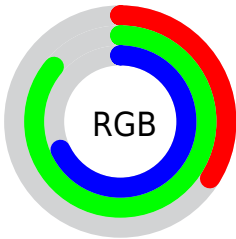
Format	Color
RYB	87, 167, 219
Decimal	5757869
CIELab	79.45, -46.97, 11.98
CIELCh	79, 48.472, 165.689
Yxy	55.7064, 0.2613, 0.3955
Android (android.graphics.Color)	4283947949 (0xFF57DBAD)
YUV	174.2880, -0.6350, -76.5516
Hunter-Lab	74.6367, -42.5924, 13.8392

Details

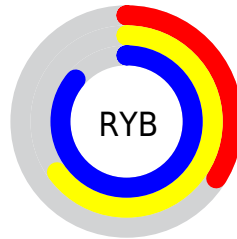
The Hex color **57DBAD** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DB5785**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **94FFE4**, and **00A379** is the 20% darker color. If you saturate the color by 10%, you get **41DBA5**, and if you desaturate by 10%, it is **6DDBB5**.

Distribution



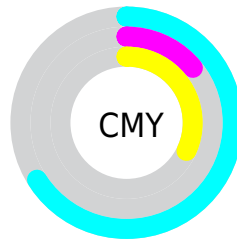
- Red (34%)
- Green (86%)
- Blue (68%)



- 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 57DBAD 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 57DBAD by changing the saturation by 10% instead.

 57DBAD

 57DBAD

FFFFFF

 35BF92

 94FFE4

 00A379

 B2FFFF

 008860

 D0FFFF

 006E48

 EEEFFF

 005531

 003C1C

 002703

 000000

 57DBAD

 57DBAD

 41DBA5

 6DDBB5

 2BDB9E

 83DBBC

 15DB96

 99DBC4

 00DB8F

 AFDBCC

 C4DBD3

 DADBDB

 F0DBE2

 FFDBEA

 FFDBF2

Harmonies

Analogous

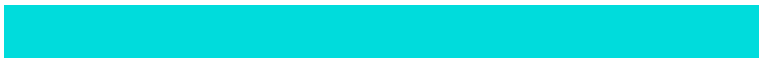
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97D584



57DBAD



00DCDC

Triad

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



57DBAD



A8C1FF



FFAB86

Complementary

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



57DBAD



DB5785

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.



FFA1AF



57DBAD



E7B0FF

Square

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



57DBAD



4CD0FF



FFA3DC



F4BB6D

Rectangle

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



57DBAD



00DBF8



FFA3DC



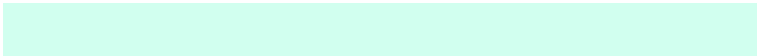
FFA792

Sweetspot

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



57DBAD



D1FFEF



85DB57



638076



000000



808080

Same Dimension

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



57DBAD



47FFBF



57C7DB



636E6A



00AD71



002E1E

Inverse Universe

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



DB5785



FF4787



DB6B57



6E6367



AD003C



2E0010

Previews

White Background



This preview shows how the Hex color 57DBAD 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 57DBAD 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 57DBAD Background



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

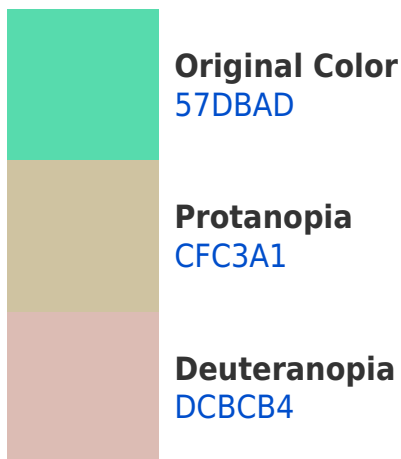


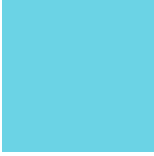
This preview shows how white text looks on a background with the Hex color 57DBAD.

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
6BD3E5

Trichromacy



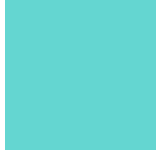
Original Color
57DBAD



Protanomaly
A3CCA5



Deuteranomaly
ACC7B1

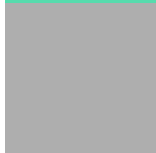


Tritanomaly
64D6D1

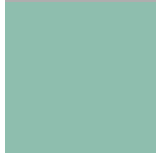
Monochromacy



Original Color
57DBAD



Achromatopsia
AEAEAE



Achromatomaly
8EBEAE

CSS Examples

Text

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

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

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 #57DBAD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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