

Converting Colors

Hex(57DAB8)

Have a look what the booklet for
Hex(57DAB8) contains.

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Color

Hex(57DAB8)

Conversions

Conversions Part 1

Format	Color
Hex	57DAB8
RGB	87, 218, 184
RGB Percent	34%, 85%, 72%
CMY	0.6588, 0.1451, 0.2784
CMYK	0.60, 0.00, 0.16, 0.15
HSL	164°, 64%, 60%
HSV	164°, 60%, 85%
XYZ	37.6536, 55.6297, 54.1005
YIQ	174.9550, -67.1620, -38.3460

Conversions

Conversions Part 2

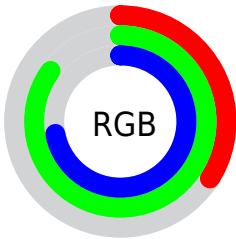
Format	Color
RYB	87, 162, 218
Decimal	5757624
CIELab	79.40, -44.00, 6.08
CIELCh	79, 44.416, 172.133
Yxy	55.6297, 0.2555, 0.3774
Android (android.graphics.Color)	4283947704 (0xFF57DAB8)
YUV	174.9550, 4.4592, -77.1365
Hunter-Lab	74.5853, -40.4105, 9.2038

Details

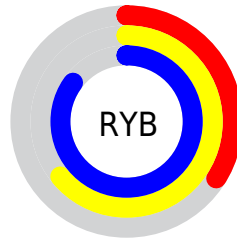
The Hex color **57DAB8** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **DA5779**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **94FFF0**, and **00A283** is the 20% darker color. If you saturate the color by 10%, you get **41DAB2**, and if you desaturate by 10%, it is **6DDABE**.

Distribution



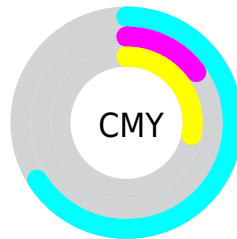
- Red (34%)
- Green (85%)
- Blue (72%)



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



- Cyan (60%)
- Magenta (0%)
- Yellow (16%)
- Black (15%)



- Cyan (66%)
- Magenta (15%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57DAB8 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 57DAB8 by changing the saturation by 10% instead.

 57DAB8

 57DAB8

FFFFFF

 34BE9D

 94FFF0

 00A283

 B2FFFF

 00876A

 D0FFFF

 006D52

 EEEFFF

 00543B

 003C25

 002710

 000000

 57DAB8

 57DAB8

 41DAB2

 6DDABE

 2BDAAD

 83DAC3

 16DAA7

 98DAC9

 00DAA1

 AEDACF

 C4DAD4

 DADADA

 F0DAE0

 FFDAE5

 FFDAEB

Harmonies

Analogous

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



90D590



57DAB8



00DAE2

Triad

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



57DAB8



B9BEFF



FFB085

Complementary

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



57DAB8



DA5779

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.



FFA6A8



57DAB8



EEAFF8

Square

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



57DAB8



72CCFF



FFA5D1



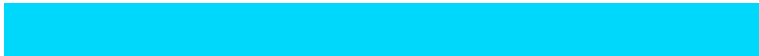
E9BF72

Rectangle

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



57DAB8



00D8FB



FFA5D1



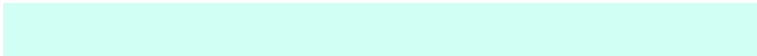
FFAC8F

Sweetspot

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



57DAB8



D1FFF3



7ADA57



638078



000000



808080

Same Dimension

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



57DAB8



47FFCF



57BBDA



636E6B



00AD80



002E22

Inverse Universe

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



DA5779



FF4777



DA7657



6E6366



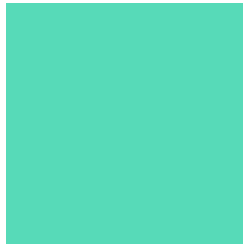
AD002D



2E000C

Previews

White Background



This preview shows how the Hex color 57DAB8 looks on a white background.

Color Contrast Check

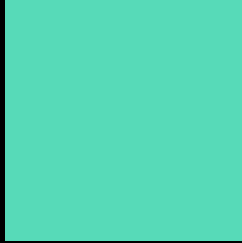
Large Text (above 18pt) WCAG AA × Fail

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 57DAB8 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

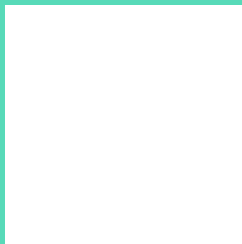
Any Text WCAG AAA ✓ Pass

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

Hex 57DAB8 Background



This preview shows how black text looks on a background with the Hex color 57DAB8.

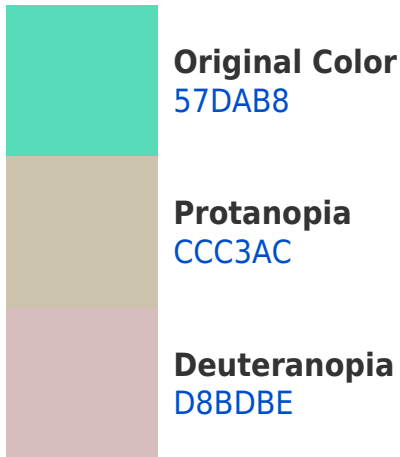


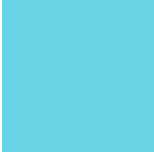
This preview shows how white text looks on a background with the Hex color 57DAB8.

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
68D4E5

Trichromacy



Original Color
57DAB8



Protanomaly
A1CBB0



Deuteranomaly
A9C8BC

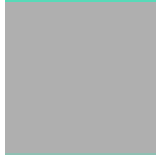


Tritanomaly
62D6D5

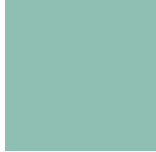
Monochromacy



Original Color
57DAB8



Achromatopsia
AFAFAF



Achromatomaly
8FBFB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 57DAB8 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 #57DAB8 looks like.

```
.text, #text, p{  
    color:#57DAB8  
}
```

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 #57DAB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57DAB8  
}
```

Border

The CSS property to change the border of an element to Hex 57DAB8 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  
#57DAB8 }
```

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

```
.border{ border-color:#57DAB8 }
```

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

Here you see how a box with a 4 pixel #57DAB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57DAB8; -webkit-box-shadow:4px 4px  
4px 4px #57DAB8; box-shadow:4px 4px 4px  
4px #57DAB8 }
```

Background

The CSS property to change the background color of an element to Hex 57DAB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57DAB8 }
```

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

```
.background{ background-color:#57DAB8 }
```

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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