

Converting Colors

Hex(58D3B0)

Have a look what the booklet for
Hex(58D3B0) contains.

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Color

Hex(58D3B0)

Conversions

Conversions Part 1

Format	Color
Hex	58D3B0
RGB	88, 211, 176
RGB Percent	35%, 83%, 69%
CMY	0.6549, 0.1725, 0.3098
CMYK	0.58, 0.00, 0.17, 0.17
HSL	163°, 58%, 59%
HSV	163°, 58%, 83%
XYZ	35.1552, 51.7978, 49.2194
YIQ	170.2330, -62.0730, -36.9610

Conversions

Conversions Part 2

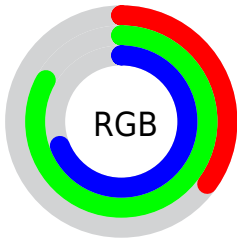
Format	Color
RYB	88, 160, 211
Decimal	5821360
CIELab	77.16, -42.64, 7.13
CIElCh	77, 43.231, 170.511
Yxy	51.7978, 0.2582, 0.3804
Android (android.graphics.Color)	4284011440 (0xFF58D3B0)
YUV	170.2330, 2.8431, -72.1183
Hunter-Lab	71.9707, -38.7576, 9.8322

Details

The Hex color **58D3B0** 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 **D3587B**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **94FFE8**, and **009C7C** is the 20% darker color. If you saturate the color by 10%, you get **43D3AA**, and if you desaturate by 10%, it is **6DD3B6**.

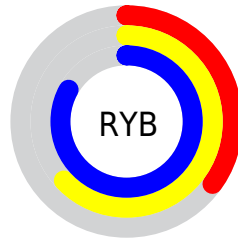
Distribution



Red (35%)

Green (83%)

Blue (69%)



Red (35%)

Yellow (63%)

Blue (83%)

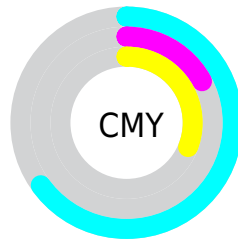


Cyan (58%)

Magenta (0%)

Yellow (17%)

Black (17%)



Cyan (65%)

Magenta (17%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58D3B0 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 58D3B0 by changing the saturation by 10% instead.

 58D3B0

 58D3B0

FFFFFF

 37B795

 94FFE8

 009C7C

 B1FFFF

 008163

 CFFFFFF

 00674B

 EDFFFF

 004E34

 00361F

 002107

 000000

 58D3B0

 58D3B0

 43D3AA

 6DD3B6

 2ED3A4

 82D3BC

 19D39E

 97D3C2

 04D398

 ACD3C8

 00D397

 C2D3CE

 D7D3D4

 ECD3DA

 FFD3E0

 FFD3E6

Harmonies

Analogous

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



8FCE8A



58D3B0



00D4D9

Triad

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



58D3B0



B0B9FF



FFAA82

Complementary

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



58D3B0



D3587B

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.



FFA0A5



58D3B0



E4AAF2

Square

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



58D3B0



6BC6FF



FFA0CD



E4B86F

Rectangle

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



58D3B0



00D1F1



FFA0CD



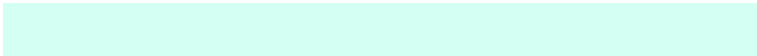
FFA68C

Sweetspot

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



58D3B0



D4FFF3



7DD358



668078



000000



808080

Same Dimension

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



58D3B0



4DFFCC



58BAD3



5E6966



00A878



00291D

Inverse Universe

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



D3587B



FF4D7F



D37158



695E61



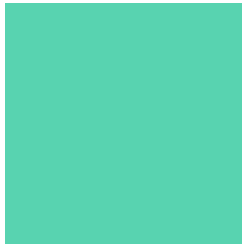
A80030



29000C

Previews

White Background



This preview shows how the Hex color 58D3B0 looks on a white background.

Color Contrast Check

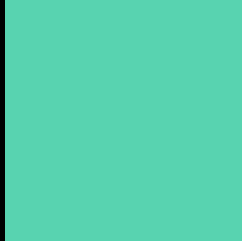
Large Text (above 18pt) WCAG AA × Fail

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 58D3B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

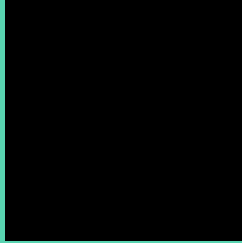
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

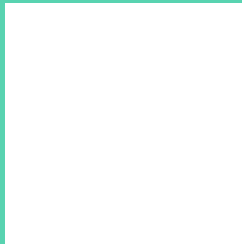
Any Text WCAG AAA ✓ Pass

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

Hex 58D3B0 Background



This preview shows how black text looks on a background with the Hex color 58D3B0.

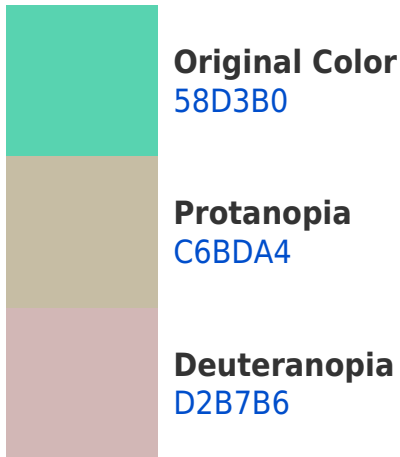


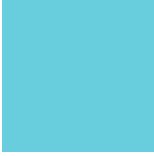
This preview shows how white text looks on a background with the Hex color 58D3B0.

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](#).

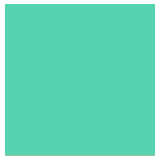
Dichromacy





Tritanopia
68CDDD

Trichromacy



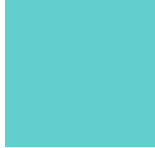
Original Color
58D3B0



Protanomaly
9EC5A8



Deuteranomaly
A6C1B4

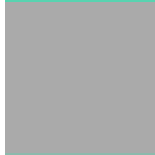


Tritanomaly
62CFCD

Monochromacy



Original Color
58D3B0



Achromatopsia
AAAAAA



Achromatomaly
8CB9AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 58D3B0 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 #58D3B0 looks like.

```
.text, #text, p{  
    color:#58D3B0  
}
```

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 #58D3B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58D3B0
}
```

Border

The CSS property to change the border of an element to Hex 58D3B0 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
#58D3B0 }
```

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

```
.border{ border-color:#58D3B0 }
```

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

Here you see how a box with a 4 pixel #58D3B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58D3B0; -webkit-box-shadow:4px 4px  
4px 4px #58D3B0; box-shadow:4px 4px 4px  
4px #58D3B0 }
```

Background

The CSS property to change the background color of an element to Hex 58D3B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58D3B0 }
```

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

```
.background{ background-color:#58D3B0 }
```

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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