

Converting Colors

Hex(58D1B7)

Have a look what the booklet for
Hex(58D1B7) contains.

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Color

Hex(58D1B7)

Conversions

Conversions Part 1

Format	Color
Hex	58D1B7
RGB	88, 209, 183
RGB Percent	35%, 82%, 72%
CMY	0.6549, 0.1804, 0.2824
CMYK	0.58, 0.00, 0.12, 0.18
HSL	167°, 57%, 58%
HSV	167°, 58%, 82%
XYZ	35.3722, 51.0945, 52.7977
YIQ	169.8570, -63.7700, -33.7380

Conversions

Conversions Part 2

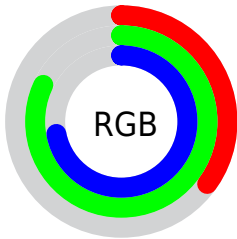
Format	Color
RYB	88, 156, 209
Decimal	5820855
CIELab	76.74, -40.08, 2.76
CIElCh	77, 40.172, 176.055
Yxy	51.0945, 0.2540, 0.3669
Android (android.graphics.Color)	4284010935 (0xFF58D1B7)
YUV	169.8570, 6.4795, -71.7886
Hunter-Lab	71.4804, -36.7598, 6.2429

Details

The Hex color **58D1B7** 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 **D15872**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **94FFEF**, and **009A82** is the 20% darker color. If you saturate the color by 10%, you get **43D1B3**, and if you desaturate by 10%, it is **6DD1BB**.

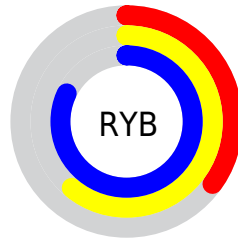
Distribution



Red (35%)

Green (82%)

Blue (72%)



Red (35%)

Yellow (61%)

Blue (82%)

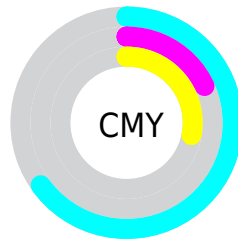


Cyan (58%)

Magenta (0%)

Yellow (12%)

Black (18%)



Cyan (65%)

Magenta (18%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58D1B7 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 58D1B7 by changing the saturation by 10% instead.

 58D1B7

 58D1B7

FFFFFF

 37B59C

 94FFEF

 009A82

 B1FFFF

 007F69

 CFFFFFF

 006651

 EDFFFF

 004D3A

 003525

 002010

 000000

 58D1B7

 58D1B7

 43D1B3

 6DD1BB

 2ED1AE

 82D1C0

 19D1AA

 97D1C4

 04D1A5

 ACD1C9

 00D1A4

 C1D1CD

 D5D1D2

 EAD1D6

 FFD1DB

 FFD1DF

Harmonies

Analogous

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



89CD93



58D1B7



26D1DD

Triad

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



58D1B7



BBB6FF



F7AD81

Complementary

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



58D1B7



D15872

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.



FFA39F



58D1B7



E8A9E7

Square

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



58D1B7



7FC3FF



FFA1C4



DAB973

Rectangle

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



58D1B7



2CCEF2



FFA1C4



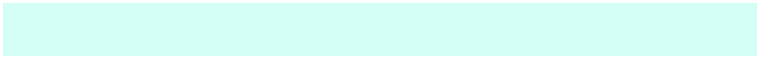
FEA989

Sweetspot

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



58D1B7



D4FFF6



72D158



66807A



000000



808080

Same Dimension

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



58D1B7



4FFFD9



58AFD1



5E6966



00A884



002920

Inverse Universe

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



D15872



FF4F75



D17A58



695E60



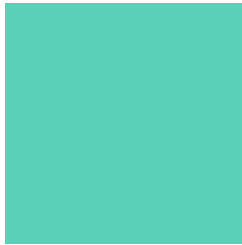
A80024



290009

Previews

White Background



This preview shows how the Hex color 58D1B7 looks on a white background.

Color Contrast Check

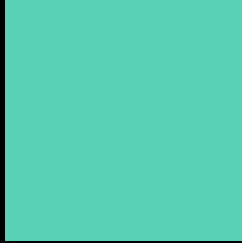
Large Text (above 18pt) WCAG AA × Fail

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 58D1B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

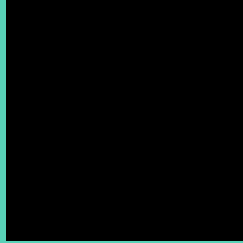
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

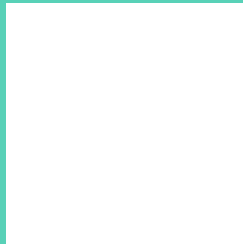
Any Text WCAG AAA ✓ Pass

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

Hex 58D1B7 Background



This preview shows how black text looks on a background with the Hex color 58D1B7.



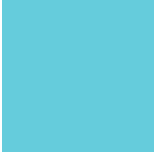
This preview shows how white text looks on a background with the Hex color 58D1B7.

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





Trichromacy



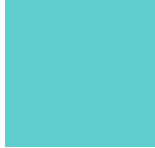
Original Color
58D1B7



Protanomaly
9CC3AF



Deuteranomaly
A3C0BB

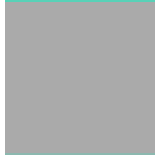


Tritanomaly
60CECF

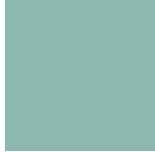
Monochromacy



Original Color
58D1B7



Achromatopsia
AAAAAA



Achromatomaly
8CB8AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 58D1B7 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 #58D1B7 looks like.

```
.text, #text, p{  
    color:#58D1B7  
}
```

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 #58D1B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58D1B7
}
```

Border

The CSS property to change the border of an element to Hex 58D1B7 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
#58D1B7 }
```

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

```
.border{ border-color:#58D1B7 }
```

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

Here you see how a box with a 4 pixel #58D1B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58D1B7; -webkit-box-shadow:4px 4px  
4px 4px #58D1B7; box-shadow:4px 4px 4px  
4px #58D1B7 }
```

Background

The CSS property to change the background color of an element to Hex 58D1B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58D1B7 }
```

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

```
.background{ background-color:#58D1B7 }
```

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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