

Converting Colors

Hex(5DC7B3)

Have a look what the booklet for
Hex(5DC7B3) contains.

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Color

Hex(5DC7B3)

Conversions

Conversions Part 1

Format	Color
Hex	5DC7B3
RGB	93, 199, 179
RGB Percent	36%, 78%, 70%
CMY	0.6353, 0.2196, 0.2980
CMYK	0.53, 0.00, 0.10, 0.22
HSL	169°, 49%, 57%
HSV	169°, 53%, 78%
XYZ	33.0743, 46.4287, 49.8663
YIQ	165.0260, -56.7560, -28.6920

Conversions

Conversions Part 2

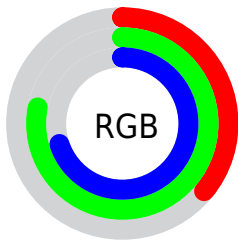
Format	Color
RYB	93, 152, 199
Decimal	6145971
CIELab	73.82, -35.48, 0.70
CIELCh	74, 35.489, 178.863
Yxy	46.4287, 0.2557, 0.3589
Android (android.graphics.Color)	4284336051 (0xFF5DC7B3)
YUV	165.0260, 6.8892, -63.1668
Hunter-Lab	68.1386, -32.5991, 4.3065

Details

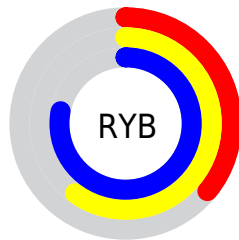
The Hex color **5DC7B3** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **C75D71**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **97FFEB**, and **19907E** is the 20% darker color. If you saturate the color by 10%, you get **49C7AF**, and if you desaturate by 10%, it is **71C7B7**.

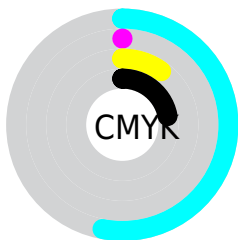
Distribution



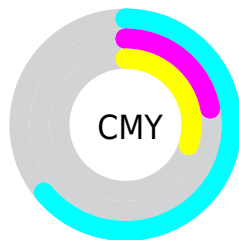
- Red (36%)
- Green (78%)
- Blue (70%)



- Red (36%)
- Yellow (60%)
- Blue (78%)



- Cyan (53%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)



- Cyan (64%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DC7B3 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 5DC7B3 by changing the saturation by 10% instead.

 5DC7B3

 5DC7B3

FFFFFF

 3FAB98

 97FFEB

 19907E

 B4FFFF

 007665

 D1FFFF

 005D4E

 EFFFFFF

 004537

 002E22

 00160B

 000000

 5DC7B3

 5DC7B3

■ 49C7AF

■ 71C7B7

■ 35C7AB

■ 85C7BB

■ 21C7A8

■ 99C7BE

■ 0DC7A4

■ ADC7C2

■ 00C7A1

■ C1C7C6

■ D4C7CA

■ E8C7CD

■ FCC7D1

■ FFC7D5

Harmonies

Analogous

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



85C493



5DC7B3



41C6D4

Triad

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



5DC7B3



B8ADEE



E7A87F

Complementary

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



5DC7B3



C75D71

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.



F59F98



5DC7B3



DEA3D8

Square

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



5DC7B3



87B9F6



F29DB8



CDB374

Rectangle

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



5DC7B3



49C4E5



F29DB8



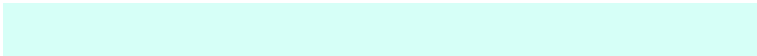
EDA486

Sweetspot

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



5DC7B3



D6FFF7



72C75D



67807B



000000



808080

Same Dimension

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



5DC7B3



5CFFE0



5DA7C7



5A6362



00A384



00241D

Inverse Universe

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



C75D71



FF5C7B



C77D5D



635A5B



A3001F



240007

Previews

White Background



This preview shows how the Hex color 5DC7B3 looks on a white background.

Color Contrast Check

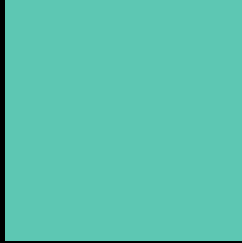
Large Text (above 18pt) WCAG AA × Fail

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 5DC7B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

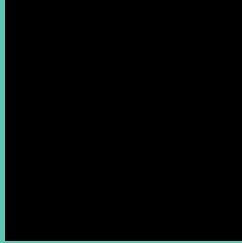
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

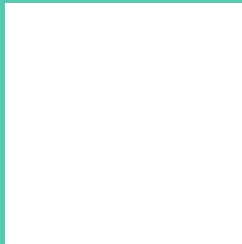
Any Text WCAG AAA ✓ Pass

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

Hex 5DC7B3 Background



This preview shows how black text looks on a background with the Hex color 5DC7B3.

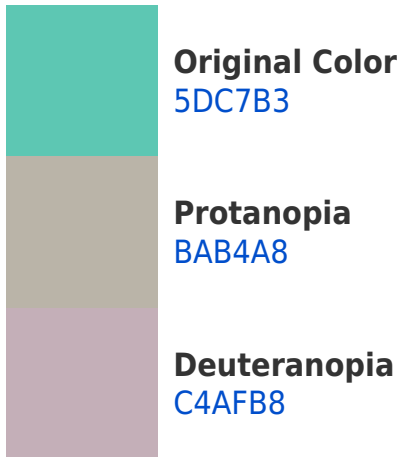


This preview shows how white text looks on a background with the Hex color 5DC7B3.

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



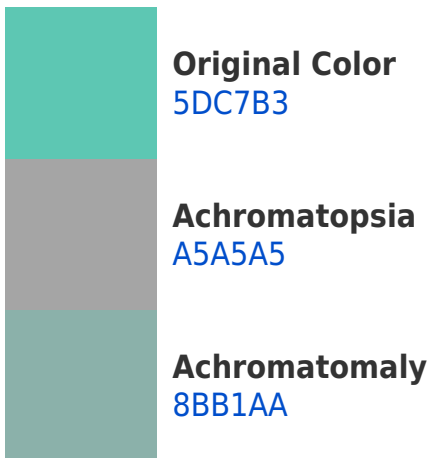


Tritanopia
67C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DC7B3 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 #5DC7B3 looks like.

```
.text, #text, p{  
    color:#5DC7B3  
}
```

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 #5DC7B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DC7B3
}
```

Border

The CSS property to change the border of an element to Hex 5DC7B3 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
#5DC7B3 }
```

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

```
.border{ border-color:#5DC7B3 }
```

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

Here you see how a box with a 4 pixel #5DC7B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DC7B3; -webkit-box-shadow:4px 4px  
4px 4px #5DC7B3; box-shadow:4px 4px 4px  
4px #5DC7B3 }
```

Background

The CSS property to change the background color of an element to Hex 5DC7B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DC7B3 }
```

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

```
.background{ background-color:#5DC7B3 }
```

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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