

Converting Colors

Hex(5DB7C6)

Have a look what the booklet for
Hex(5DB7C6) contains.

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Color

Hex(5DB7C6)

Conversions

Conversions Part 1

Format	Color
Hex	5DB7C6
RGB	93, 183, 198
RGB Percent	36%, 72%, 78%
CMY	0.6353, 0.2824, 0.2235
CMYK	0.53, 0.08, 0.00, 0.22
HSL	189°, 48%, 57%
HSV	189°, 53%, 78%
XYZ	31.6407, 40.2713, 59.5316
YIQ	157.8000, -58.4550, -14.4150

Conversions

Conversions Part 2

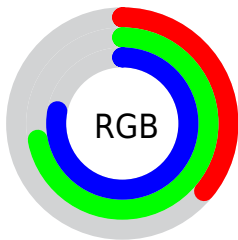
Format	Color
R_{YB}	93, 141, 198
Decimal	6141894
CIE _{Lab}	69.66, -22.71, -15.85
CIE _{LCh}	70, 27.689, 214.913
Yxy	40.2713, 0.2407, 0.3064
Android (android.graphics.Color)	4284331974 (0xFF5DB7C6)
YUV	157.8000, 19.8186, -56.8296
Hunter-Lab	63.4597, -22.0552, -11.1982

Details

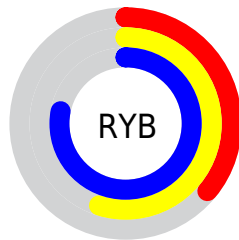
The Hex color **5DB7C6** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C66C5D**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **97EFFF**, and **198290** is the 20% darker color. If you saturate the color by 10%, you get **49B4C6**, and if you desaturate by 10%, it is **71BAC6**.

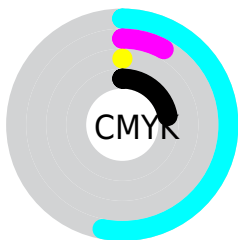
Distribution



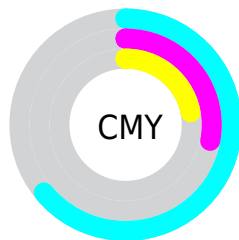
- Red (36%)
- Green (72%)
- Blue (78%)



- Red (36%)
- Yellow (55%)
- Blue (78%)



- Cyan (53%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (64%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DB7C6 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 5DB7C6 by changing the saturation by 10% instead.

 5DB7C6

 5DB7C6

FFFFFF

 3F9CAB

 97EFFF

 198290

 B4FFFF

 006877

 D1FFFF

 00505E

 EEEFFF

 003946

 002330

 00011C

 000000

 5DB7C6

 5DB7C6

■ 49B4C6

■ 71BAC6

■ 35B1C6

■ 85BDC6

■ 22AFC6

■ 98BFC6

■ 0EACC6

■ ACC2C6

■ 00AAC6

■ C0C5C6

■ D4C8C6

■ E8CBC6

■ FBCEC6

■ FFD0C6

Harmonies

Analogous

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



66B8AE



5DB7C6



6EB2D7

Triad

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



5DB7C6



CE9BC0



B8AA78

Complementary

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



5DB7C6



C66C5D

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.



CEA17D



5DB7C6



DC98A7

Square

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



5DB7C6



B3A2D3



DB9A8F



9DB180

Rectangle

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



5DB7C6



84AEDC



DB9A8F



C0A778

Sweetspot

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



5DB7C6



D6F9FF



5DC66B



677C80



000000



808080

Same Dimension

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



5DB7C6



5CE8FF



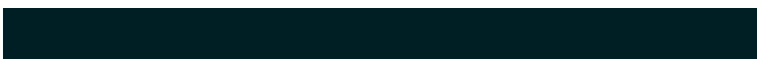
5D84C6



5A6263



008CA3



001F24

Inverse Universe

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



C65DB7



FF5CE8



C6A05D



635A62



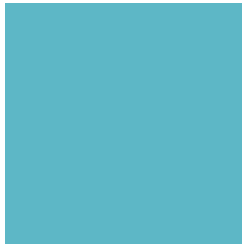
A3008C



24001F

Previews

White Background



This preview shows how the Hex color 5DB7C6 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 5DB7C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

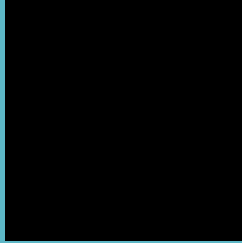
Any Text WCAG AA ✓ Pass

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 5DB7C6 Background



This preview shows how black text looks on a background with the Hex color 5DB7C6.

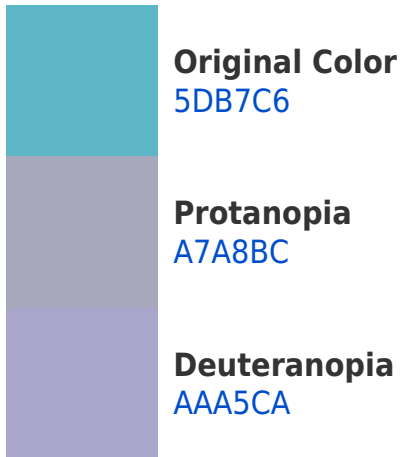


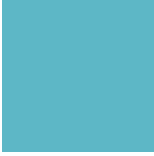
This preview shows how white text looks on a background with the Hex color 5DB7C6.

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](#).

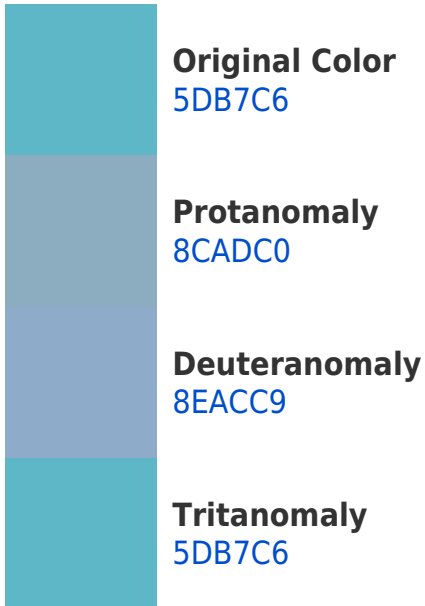
Dichromacy





Tritanopia
5DB7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DB7C6 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 #5DB7C6 looks like.

```
.text, #text, p{  
    color:#5DB7C6  
}
```

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 #5DB7C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB7C6
}
```

Border

The CSS property to change the border of an element to Hex 5DB7C6 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
#5DB7C6 }
```

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

```
.border{ border-color:#5DB7C6 }
```

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

Here you see how a box with a 4 pixel #5DB7C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB7C6; -webkit-box-shadow:4px 4px  
4px 4px #5DB7C6; box-shadow:4px 4px 4px  
4px #5DB7C6 }
```

Background

The CSS property to change the background color of an element to Hex 5DB7C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB7C6 }
```

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

```
.background{ background-color:#5DB7C6 }
```

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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