

Converting Colors

Hex(5DB4C6)

Have a look what the booklet for
Hex(5DB4C6) contains.

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Color

Hex(5DB4C6)

Conversions

Conversions Part 1

Format	Color
Hex	5DB4C6
RGB	93, 180, 198
RGB Percent	36%, 71%, 78%
CMY	0.6353, 0.2941, 0.2235
CMYK	0.53, 0.09, 0.00, 0.22
HSL	190°, 48%, 57%
HSV	190°, 53%, 78%
XYZ	31.0285, 39.0469, 59.3275
YIQ	156.0390, -57.6300, -12.8460

Conversions

Conversions Part 2

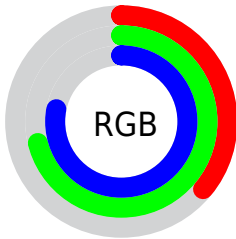
Format	Color
R _Y B	93, 141, 198
Decimal	6141126
CIE Lab	68.79, -21.17, -17.17
CIE LCh	69, 27.262, 219.042
Yxy	39.0469, 0.2398, 0.3017
Android (android.graphics.Color)	4284331206 (0xFF5DB4C6)
YUV	156.0390, 20.6868, -55.2852
Hunter-Lab	62.4875, -20.7180, -12.5504

Details

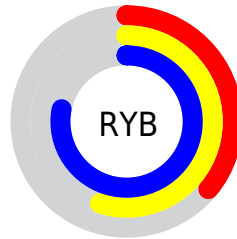
The Hex color **5DB4C6** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C66F5D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **97ECFF**, and **1A7F90** is the 20% darker color. If you saturate the color by 10%, you get **49B1C6**, and if you desaturate by 10%, it is **71B7C6**.

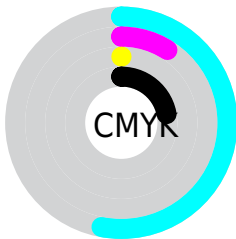
Distribution



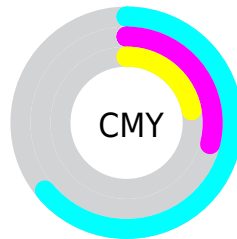
- Red (36%)
- Green (71%)
- Blue (78%)



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



- Cyan (53%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (64%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DB4C6 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 5DB4C6 by changing the saturation by 10% instead.

 5DB4C6

 5DB4C6


FFFFFF

 3F99AB

 97ECFF

 1A7F90

 B3FFFF

 006677

 D1FFFF

 004E5E

 EEEFFF

 003646

 002130

 00011B

 000000

 5DB4C6

 5DB4C6

49B1C6

71B7C6

35ADC6

85BBC6

22AAC6

98BEC6

0EA6C6

ACC2C6

00A4C6

C0C5C6

D4C8C6

E8CCC6

FBCFC6

FFD3C6

Harmonies

Analogous

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



63B6AF



5DB4C6



71AFD5

Triad

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



5DB4C6



CE98BA



B2A977

Complementary

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



5DB4C6



C66F5D

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.



C9A07A



5DB4C6



D996A1

Square

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



5DB4C6



B59FCE



D7998A



97B081

Rectangle

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



5DB4C6



87AAD9



D7998A



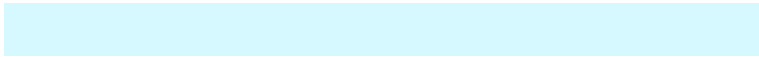
BAA677

Sweetspot

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



5DB4C6



D6F8FF



5DC66E



677B80



000000



808080

Same Dimension

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



5DB4C6



5CE3FF



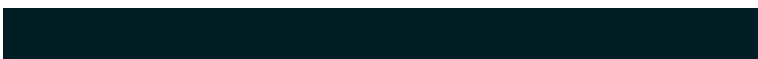
5D80C6



5A6263



0087A3



001E24

Inverse Universe

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



C65DB4



FF5CE3



C6A35D



635A62



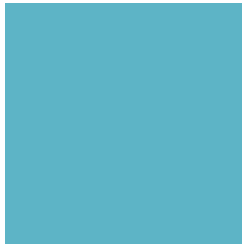
A30087



24001E

Previews

White Background



This preview shows how the Hex color 5DB4C6 looks on a white background.

Color Contrast Check

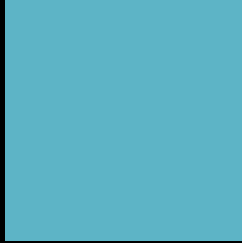
Large Text (above 18pt) WCAG AA × Fail

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 5DB4C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

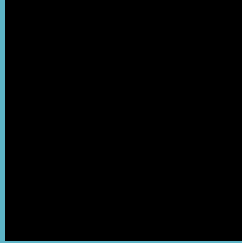
Any Text WCAG AA ✓ Pass

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 5DB4C6 Background



This preview shows how black text looks on a background with the Hex color 5DB4C6.

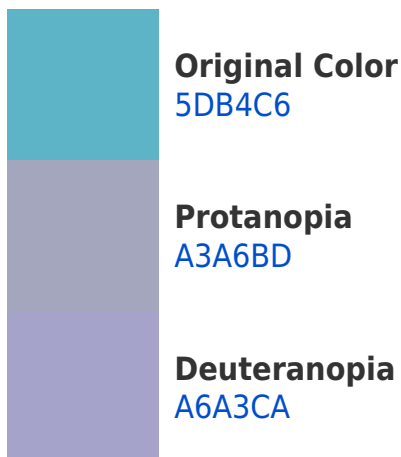


This preview shows how white text looks on a background with the Hex color 5DB4C6.

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](#).

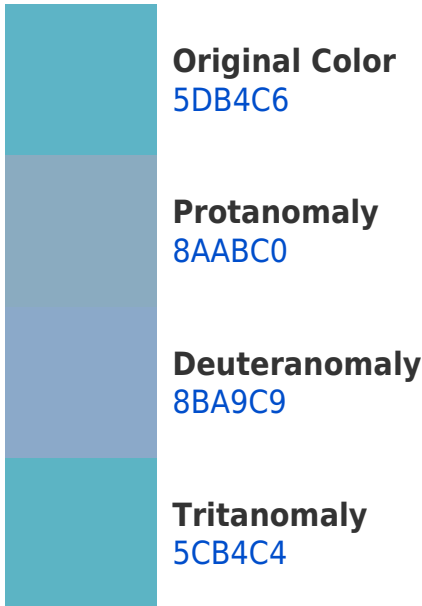
Dichromacy



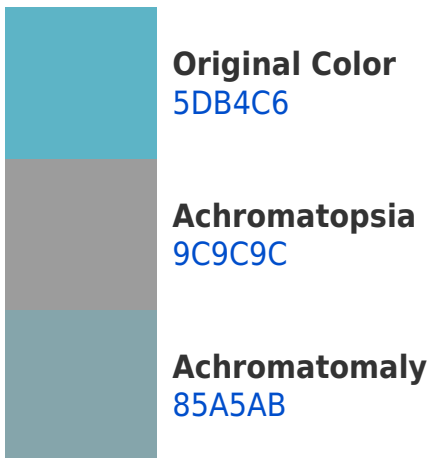


Tritanopia
5CB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DB4C6 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 #5DB4C6 looks like.

```
.text, #text, p{  
    color:#5DB4C6  
}
```

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 #5DB4C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB4C6
}
```

Border

The CSS property to change the border of an element to Hex 5DB4C6 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
#5DB4C6 }
```

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

```
.border{ border-color:#5DB4C6 }
```

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

Here you see how a box with a 4 pixel #5DB4C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB4C6; -webkit-box-shadow:4px 4px  
4px 4px #5DB4C6; box-shadow:4px 4px 4px  
4px #5DB4C6 }
```

Background

The CSS property to change the background color of an element to Hex 5DB4C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB4C6 }
```

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

```
.background{ background-color:#5DB4C6 }
```

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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