

# Converting Colors

Hex(5DB1B0)

Have a look what the booklet for  
Hex(5DB1B0) contains.

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# Color

**Hex(5DB1B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DB1B0
RGB	93, 177, 176
RGB Percent	36%, 69%, 69%
CMY	0.6353, 0.3059, 0.3098
CMYK	0.47, 0.00, 0.01, 0.31
HSL	179°, 35%, 53%
HSV	179°, 47%, 69%
XYZ	28.0728, 36.9060, 46.7183
YIQ	151.7700, -49.7430, -18.1190

# Conversions

## Conversions Part 2

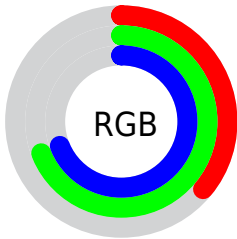
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 135, 177
Decimal	6140336
CIELab	67.21, -25.67, -7.39
CIELCh	67, 26.710, 196.058
Yxy	36.9060, 0.2513, 0.3304
Android (android.graphics.Color)	4284330416 (0xFF5DB1B0)
YUV	151.7700, 11.9454, -51.5413
Hunter-Lab	60.7503, -23.8280, -3.0700

# Details

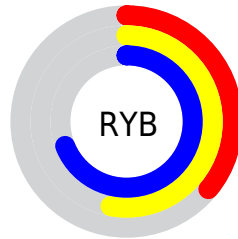
The Hex color **5DB1B0** is a light color, and the websafe version is hex **339999**. A complement of this color would be **B15D5E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **95E9E8**, and **207C7C** is the 20% darker color. If you saturate the color by 10%, you get **4BB1B0**, and if you desaturate by 10%, it is **6FB1B0**.

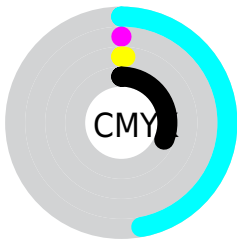
# Distribution



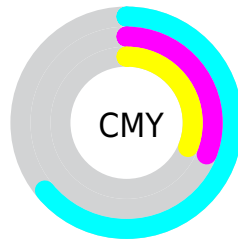
- Red (36%)
- Green (69%)
- Blue (69%)



- Red (36%)
- Yellow (53%)
- Blue (69%)



- Cyan (47%)
- Magenta (0%)
- Yellow (1%)
- Black (31%)



- Cyan (64%)
- Magenta (31%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DB1B0 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 5DB1B0 by changing the saturation by 10% instead.



 5DB1B0

 5DB1B0

FFFFFF

 409695

 95E9E8

 207C7C

 B1FFFF

 006363

 CEFFFF

 004B4B

 EBFFFF

 003334

 00201F

 000006

 000000

 5DB1B0

 5DB1B0

4BB1B0

6FB1B0

3AB1B0

80B1B0

28B1AF

92B1B1

16B1AF

A4B1B1

04B1AF

B5B1B1

00B1AF

C7B1B1

D9B1B1

EBB1B2

FCB1B2

# Harmonies

## Analogous

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



71B097



5DB1B0



5DAFC5

# Triad

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



5DB1B0



B799C5



BF9E75

# Complementary

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



5DB1B0



B15D5E

# 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.



CF9782



5DB1B0



CC93B0

# Square

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



5DB1B0



98A1D2



D49297



A8A675

# Rectangle

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



5DB1B0



6BABC9



D49297



C59C78



# Sweetspot

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



5DB1B0



C5E6E5



5EB15D



5F7373



F2F2F2



737373



# Same Dimension

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



5DB1B0



63E6E4



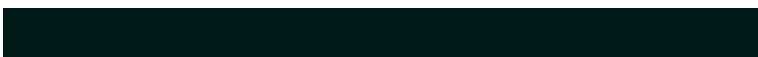
5D88B1



505959



009997



001A19



# Inverse Universe

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



B15D5E



E66364



B1865D



595050



990002

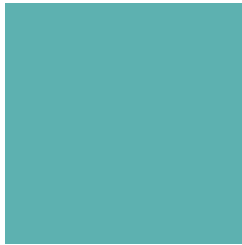


1A0000



# Previews

## White Background



This preview shows how the Hex color 5DB1B0 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 5DB1B0 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 5DB1B0 Background



This preview shows how black text looks on a background with the Hex color 5DB1B0.

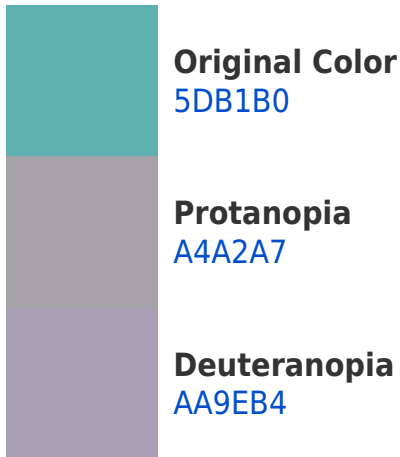


This preview shows how white text looks on a background with the Hex color 5DB1B0.

# 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](#).

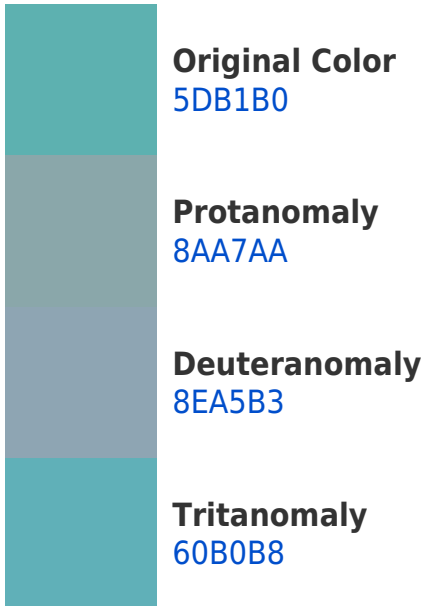
## Dichromacy





**Tritanopia**  
61AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DB1B0 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 #5DB1B0 looks like.

```
.text, #text, p{  
    color:#5DB1B0  
}
```

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 #5DB1B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB1B0
}
```

## Border

The CSS property to change the border of an element to Hex 5DB1B0 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
#5DB1B0 }
```

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

```
.border{ border-color:#5DB1B0 }
```

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

Here you see how a box with a 4 pixel #5DB1B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB1B0; -webkit-box-shadow:4px 4px  
4px 4px #5DB1B0; box-shadow:4px 4px 4px  
4px #5DB1B0 }
```

# Background

The CSS property to change the background color of an element to Hex 5DB1B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB1B0 }
```

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

```
.background{ background-color:#5DB1B0 }
```

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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