

# Converting Colors

Hex(5BDBB9)

Have a look what the booklet for  
Hex(5BDBB9) contains.

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**Color**

**Hex(5BDBB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BDBB9
RGB	91, 219, 185
RGB Percent	36%, 86%, 73%
CMY	0.6431, 0.1412, 0.2745
CMYK	0.58, 0.00, 0.16, 0.14
HSL	164°, 64%, 61%
HSV	164°, 58%, 86%
XYZ	38.4029, 56.3900, 54.7593
YIQ	176.8520, -65.3740, -37.7100

# Conversions

## Conversions Part 2

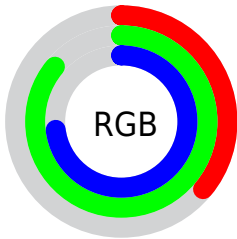
Format	Color
<b>RYB</b>	91, 165, 219
Decimal	6020025
CIELab	79.84, -43.44, 6.18
CIELCh	80, 43.881, 171.898
Yxy	56.3900, 0.2568, 0.3771
Android (android.graphics.Color)	4284210105 (0xFF5BDBB9)
YUV	176.8520, 4.0170, -75.2922
Hunter-Lab	75.0933, -40.1279, 9.3300

# Details

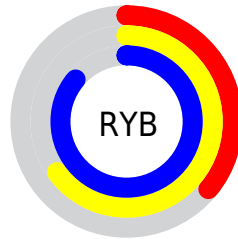
The Hex color **5BDBB9** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **DB5B7D**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **97FFF1**, and **01A384** is the 20% darker color. If you saturate the color by 10%, you get **45DBB3**, and if you desaturate by 10%, it is **71DBBF**.

# Distribution



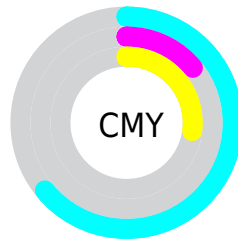
- Red (36%)
- Green (86%)
- Blue (73%)



- Red (36%)
- Yellow (65%)
- Blue (86%)



- Cyan (58%)
- Magenta (0%)
- Yellow (16%)
- Black (14%)



- Cyan (64%)
- Magenta (14%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BDBB9 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 5BDBB9 by changing the saturation by 10% instead.



 5BDBB9

 5BDBB9

FFFFFF

 39BF9E

 97FFF1

 01A384

 B5FFFF

 00886B

 D3FFFF

 006E53

 F1FFFF

 00553C

 003D26


 002811

 000000

 5BDBB9

 5BDBB9

 45DBB3

 71DBBF

 2FDBAD

 87DBC5

 19DBA8

 9DDBCA

 03DBA2

 B3DBD0

 00DBA1

 C8DBD6

 DEDBDC

 F4DBE2

 FFDBE8

 FFDBED

# Harmonies

## Analogous

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



93D692



5BDBB9



00DBE3

# Triad

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



5BDBB9



BABFFF



FFB187

# Complementary

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



5BDBB9



DB5B7D

# 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.



FFA7A9



5BDBB9



EFB1F9

# Square

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



5BDBB9



75CDFE



FFA7D3



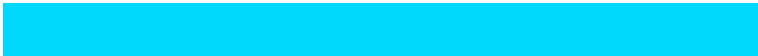
EAC074

# Rectangle

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



5BDBB9



00D9FB



FFA7D3



FFAD91

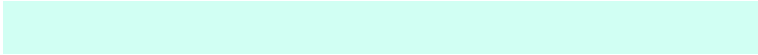


# Sweetspot

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



5BDBB9



D1FFF3



7DDB5B



638078



000000



808080



# Same Dimension

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



5BDBB9



4DFFD0



5BBDD8



636E6B



00AD7F



002E22



# Inverse Universe

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



DB5B7D



FF4D7C



DB795B



6E6366



AD002E



2E000C



# Previews

## White Background



This preview shows how the Hex color 5BDBB9 looks on a white background.

## Color Contrast Check

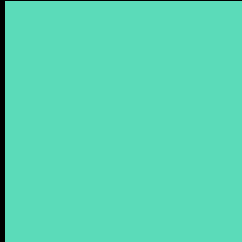
Large Text (above 18pt) WCAG AA × Fail

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 5BDBB9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

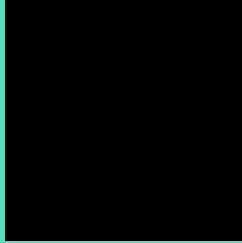
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

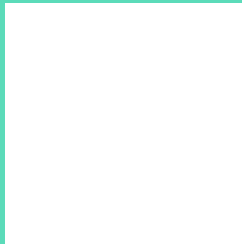
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5BDBB9 Background



This preview shows how black text looks on a background with the Hex color 5BDBB9.

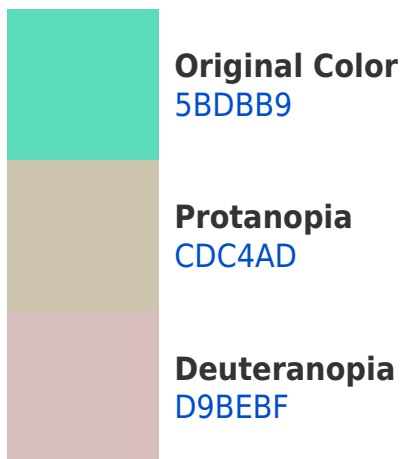


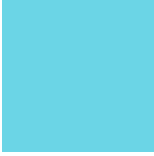
This preview shows how white text looks on a background with the Hex color 5BDBB9.

# 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**  
6BD5E6

# Trichromacy



**Original Color**  
5BDBB9



**Protanomaly**  
A4CCB1



**Deuteranomaly**  
ABC9BD

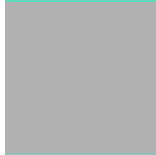


**Tritanomaly**  
65D7D6

# Monochromacy



**Original Color**  
5BDBB9



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
92C0B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BDBB9 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 #5BDBB9 looks like.

```
.text, #text, p{  
    color:#5BDBB9  
}
```

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 #5BDBB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BDBB9
}
```

## Border

The CSS property to change the border of an element to Hex 5BDBB9 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
#5BDBB9 }
```

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

```
.border{ border-color:#5BDBB9 }
```

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

Here you see how a box with a 4 pixel #5BDBB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BDBB9; -webkit-box-shadow:4px 4px  
4px 4px #5BDBB9; box-shadow:4px 4px 4px  
4px #5BDBB9 }
```

# Background

The CSS property to change the background color of an element to Hex 5BDBB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BDBB9 }
```

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

```
.background{ background-color:#5BDBB9 }
```

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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