

# Converting Colors

Hex(5DD1BB)

Have a look what the booklet for  
Hex(5DD1BB) contains.

|  |    |
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**Color**

**Hex(5DD1BB)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5DD1BB                       |
| RGB         | 93, 209, 187                 |
| RGB Percent | 36%, 82%, 73%                |
| CMY         | 0.6353, 0.1804, 0.2667       |
| CMYK        | 0.56, 0.00, 0.11, 0.18       |
| HSL         | 169°, 56%, 59%               |
| HSV         | 169°, 56%, 82%               |
| XYZ         | 36.2843, 51.5159, 55.0449    |
| YIQ         | 171.8080, -62.0740, -31.4340 |

# Conversions

## Conversions Part 2

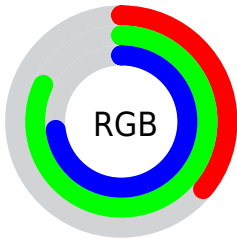
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">93, 157, 209</a>                   |
| Decimal                             | <a href="#">6148539</a>                        |
| CIELab                              | <a href="#">76.99, -38.11, 1.00</a>            |
| CIELCh                              | <a href="#">77, 38.121, 178.491</a>            |
| Yxy                                 | <a href="#">51.5159, 0.2540,<br/>0.3606</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4284338619<br/>(0xFF5DD1BB)</a>    |
| YUV                                 | <a href="#">171.8080, 7.4897,<br/>-69.1146</a> |
| Hunter-Lab                          | <a href="#">71.7746, -35.3682,<br/>4.7719</a>  |

# Details

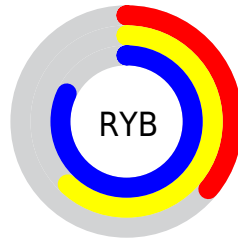
The Hex color **5DD1BB** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **D15D73**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **98FFF3**, and **129A86** is the 20% darker color. If you saturate the color by 10%, you get **48D1B7**, and if you desaturate by 10%, it is **72D1BF**.

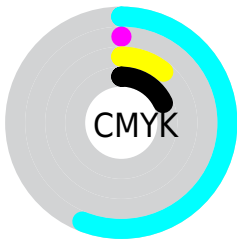
# Distribution



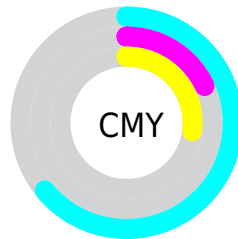
- Red (36%)
- Green (82%)
- Blue (73%)



- Red (36%)
- Yellow (62%)
- Blue (82%)



- Cyan (56%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)



- Cyan (64%)
- Magenta (18%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DD1BB 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 5DD1BB by changing the saturation by 10% instead.



 5DD1BB

 5DD1BB

FFFFFF

 3DB5A0


 98FFF3

 129A86

 B5FFFF

 007F6D

 D3FFFF

 006654

 F1FFFF

 004D3D

 003528

 002113

 000000

 5DD1BB

 5DD1BB

 48D1B7

 72D1BF

 33D1B3

 87D1C3

 1ED1AF

 9CD1C7

 09D1AB

 B1D1CB

 00D1A9

 C5D1CF

 DAD1D3

 EFD1D7

 FFD1DB

 FFD1DF

# Harmonies

## Analogous

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



89CE98



5DD1BB



3BD0DF

# Triad

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



5DD1BB



C0B6FC



F4AF83

# Complementary

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



5DD1BB



D15D73

# 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.



FFA69E



5DD1BB



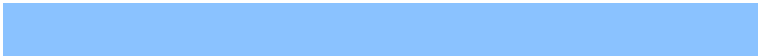
E9AAE3

# Square

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



5DD1BB



8AC2FF



FFA3C1



D7BB77

# Rectangle

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



5DD1BB



43CEF2



FFA3C1



FAAB8B

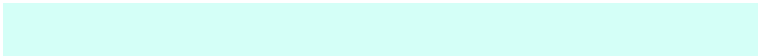


# Sweetspot

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



5DD1BB



D4FFF7



74D15D



66807B



000000



808080



# Same Dimension

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



5DD1BB



54FFDF



5DAED1



5E6967



00A888



002921



# Inverse Universe

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



D15D73



FF5475



D1805D



695E60



A80020

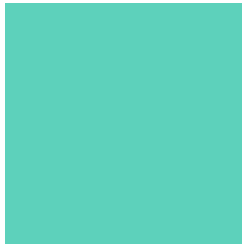


290008



# Previews

## White Background



This preview shows how the Hex color 5DD1BB looks on a white background.

## Color Contrast Check

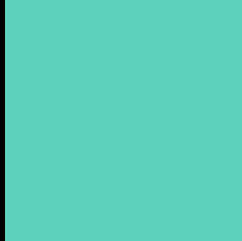
Large Text (above 18pt) WCAG AA × Fail

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 5DD1BB 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 5DD1BB Background



This preview shows how black text looks on a background with the Hex color 5DD1BB.

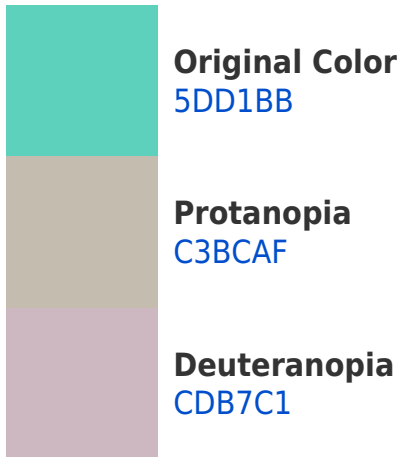


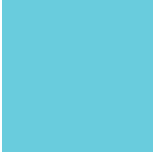
This preview shows how white text looks on a background with the Hex color 5DD1BB.

# 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



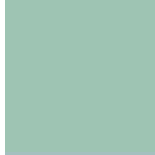


**Tritanopia**  
69CCDD

# Trichromacy



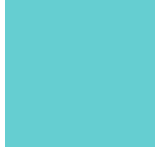
**Original Color**  
5DD1BB



**Protanomaly**  
9EC4B3



**Deuteranomaly**  
A4C0BF

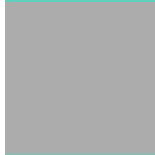


**Tritanomaly**  
65CED1

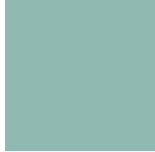
# Monochromacy



**Original Color**  
5DD1BB



**Achromatopsia**  
ACACAC



**Achromatomaly**  
8FB9B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DD1BB 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 #5DD1BB looks like.

```
.text, #text, p{  
    color:#5DD1BB  
}
```

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 #5DD1BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DD1BB
}
```

## Border

The CSS property to change the border of an element to Hex 5DD1BB 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
#5DD1BB }
```

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

```
.border{ border-color:#5DD1BB }
```

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

Here you see how a box with a 4 pixel #5DD1BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DD1BB; -webkit-box-shadow:4px 4px  
4px 4px #5DD1BB; box-shadow:4px 4px 4px  
4px #5DD1BB }
```

# Background

The CSS property to change the background color of an element to Hex 5DD1BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DD1BB }
```

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

```
.background{ background-color:#5DD1BB }
```

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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