

# Converting Colors

Hex(5DDBBE)

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

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# Color

**Hex(5DDBBE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DDBBE
RGB	93, 219, 190
RGB Percent	36%, 86%, 75%
CMY	0.6353, 0.1412, 0.2549
CMYK	0.58, 0.00, 0.13, 0.14
HSL	166°, 64%, 61%
HSV	166°, 58%, 86%
XYZ	39.1400, 56.7079, 57.5980
YIQ	178.0200, -65.7870, -35.7310

# Conversions

## Conversions Part 2

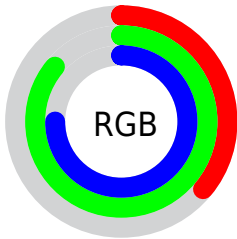
Format	Color
<a href="#">RYB</a>	<a href="#">93, 164, 219</a>
Decimal	<a href="#">6151102</a>
CIELab	<a href="#">80.02, -41.87, 3.79</a>
CIELCh	<a href="#">80, 42.040, 174.824</a>
Yxy	<a href="#">56.7079, 0.2551, 0.3696</a>
Android (android.graphics.Color)	<a href="#">4284341182 (0xFF5DDBBE)</a>
YUV	<a href="#">178.0200, 5.9061, -74.5625</a>
Hunter-Lab	<a href="#">75.3046, -39.0068, 7.3643</a>

# Details

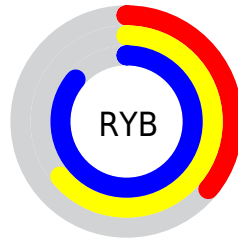
The Hex color **5DDBBE** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **DB5D7A**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **99FFF6**, and **09A389** is the 20% darker color. If you saturate the color by 10%, you get **47DBB9**, and if you desaturate by 10%, it is **73DBC3**.

# Distribution



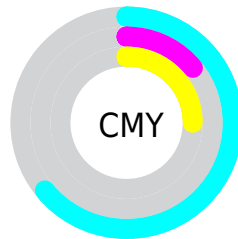
- Red (36%)
- Green (86%)
- Blue (75%)



- Red (36%)
- Yellow (64%)
- Blue (86%)



- Cyan (58%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)



- Cyan (64%)
- Magenta (14%)
- Yellow (25%)

# Brightness & Saturation Gradients

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



 5DDBBE

 5DDBBE

FFFFFF

 3CBFA3

 99FFF6

 09A389

 B7FFFF

 00886F

 D5FFFF

 006E57

 F3FFFF

 005540

 003D2A

 002815

 000000

 5DDBBE

 5DDBBE

 47DBB9

 73DBC3

 31DBB4

 89DBC8

 1BDBAF

 9FDBCD

 05DBAA

 B5DBD2

 00DBA9

 CBDBD7

 E0DBDC

 F6DBE1

 FFDBE6

 FFDBEB

# Harmonies

## Analogous

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



91D798



5DDBBE



24DBE6

# Triad

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



5DDBBE



C1BFFF



FFB488

# Complementary

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



5DDBBE



DB5D7A

# 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.



FFAAA7



5DDBBE



F1B1F4

# Square

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



5DDBBE



82CCFF



FFA8CF



E6C278

# Rectangle

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



5DDBBE



26D8FD



FFA8CF



FFB091

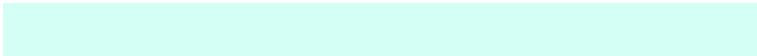


# Sweetspot

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



5DDBBE



D4FFF5



7ADB5D



66807A



000000



808080



# Same Dimension

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



5DDBBE



4FFFD7



5DB9DB



636E6B



00AD85



002E23



# Inverse Universe

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



DB5D7A



FF4F78



DB7F5D



6E6365



AD0028

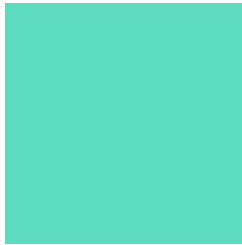


2E000B



# Previews

## White Background



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

## Color Contrast Check

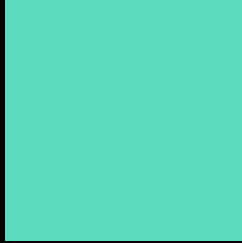
Large Text (above 18pt) WCAG AA × Fail

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 5DDBBE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

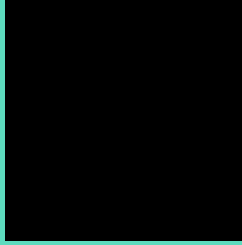
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

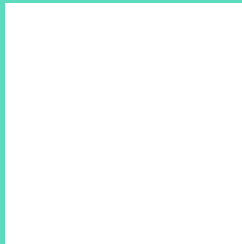
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5DDBBE Background



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

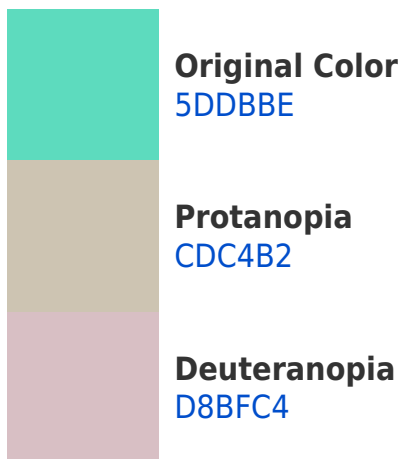


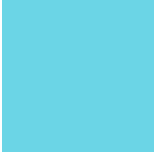
This preview shows how white text looks on a background with the Hex color 5DDBBE.

# 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**  
5DDBBE



**Protanomaly**  
A4CCB6



**Deuteranomaly**  
ABC9C2

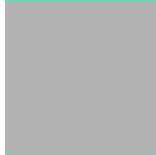


**Tritanomaly**  
66D7D7

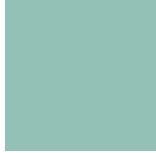
# Monochromacy



**Original Color**  
5DDBBE



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
93C1B6

# CSS Examples

## Text

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

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

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 #5DDBBE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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