

# Converting Colors

Hex(5DBB7C)

Have a look what the booklet for  
Hex(5DBB7C) contains.

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**Color**

**Hex(5DBB7C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DBB7C
RGB	93, 187, 124
RGB Percent	36%, 73%, 49%
CMY	0.6353, 0.2667, 0.5137
CMYK	0.50, 0.00, 0.34, 0.27
HSL	140°, 41%, 55%
HSV	140°, 50%, 73%
XYZ	25.9226, 39.3230, 25.2926
YIQ	151.7120, -35.8010, -39.5210

# Conversions

## Conversions Part 2

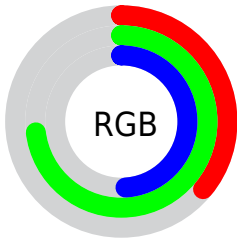
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 164, 187
Decimal	6142844
CIELab	68.98, -42.06, 23.58
CIELCh	69, 48.220, 150.723
Yxy	39.3230, 0.2863, 0.4343
Android (android.graphics.Color)	4284332924 (0xFF5DBB7C)
YUV	151.7120, -13.6620, -51.4904
Hunter-Lab	62.7081, -35.9498, 19.9817

# Details

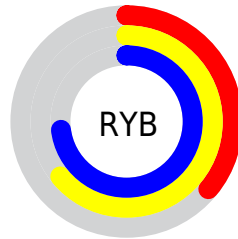
The Hex color **5DBB7C** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BB5D9C**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **95F4B1**, and **21854B** is the 20% darker color. If you saturate the color by 10%, you get **4ABB6F**, and if you desaturate by 10%, it is **70BB89**.

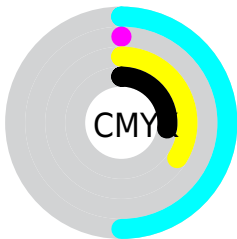
# Distribution



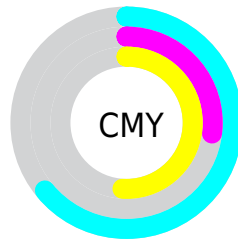
- Red (36%)
- Green (73%)
- Blue (49%)



- Red (36%)
- Yellow (64%)
- Blue (73%)



- Cyan (50%)
- Magenta (0%)
- Yellow (34%)
- Black (27%)



- Cyan (64%)
- Magenta (27%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DBB7C 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 5DBB7C by changing the saturation by 10% instead.



 5DBB7C

 5DBB7C

FFFFFF

 41A063

 95F4B1

 21854B

 B1FFCD

 006B33

 CEFFE9

 00521D

 EBFFFF

 003A06

 002500

 000000

 5DBB7C

 5DBB7C

 4ABB6F

 70BB89

 38BB63

 82BB95

 25BB56

 95BBA2

 12BB4A

 A8BBAE

 00BB3E

 BBBBBB

 CDBBC7

 E0BBD4

 F3BBE0

 FFBBED

# Harmonies

## Analogous

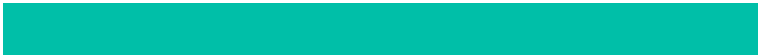
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95B35B



5DBB7C



00BFA8

# Triad

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



5DBB7C



5EADFF



F9897E

# Complementary

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



5DBB7C



BB5D9C

# 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.



F884A9



5DBB7C



AD9DF4

# Square

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



5DBB7C



00B8F4



DF8CD4



E4975D

# Rectangle

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



5DBB7C



00BFC6



DF8CD4



FB868C

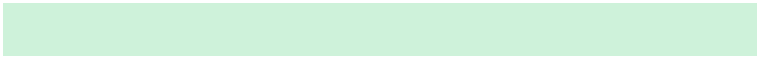


# Sweetspot

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



5DBB7C



CEF2DA



9DBB5D



647A6C



FAFAFA



7A7A7A



# Same Dimension

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



5DBB7C



61F291



5DBBAA



555E58



009E34



001F0A



# Inverse Universe

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



BB5D9C



F261C2



BB5D6E



5E555B



9E006A



1F0015



# Previews

## White Background



This preview shows how the Hex color 5DBB7C looks on a white background.

## Color Contrast Check

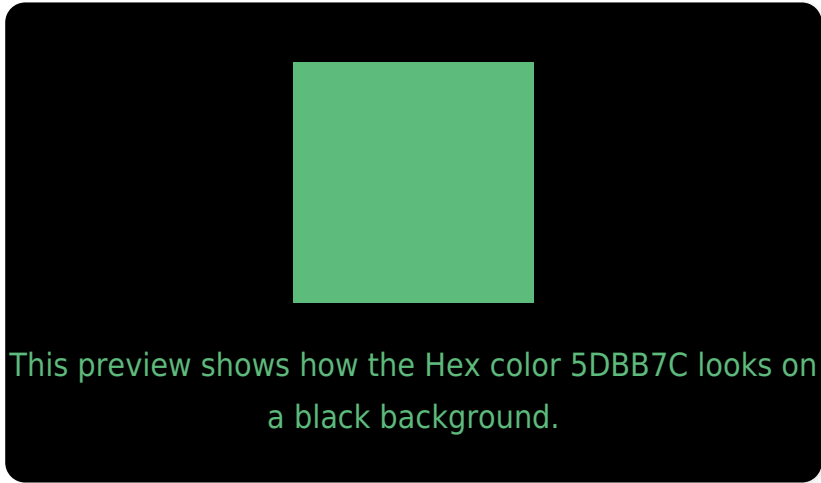
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 5DBB7C Background



This preview shows how black text looks on a background with the Hex color 5DBB7C.

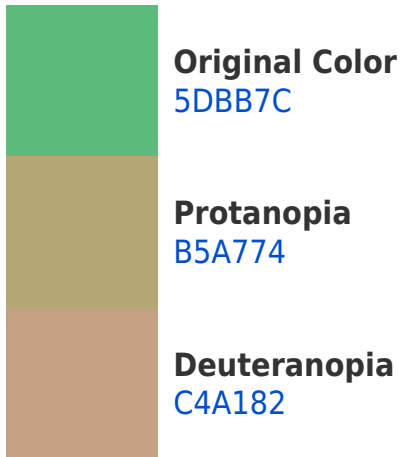


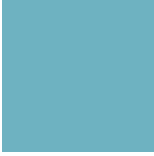
This preview shows how white text looks on a background with the Hex color 5DBB7C.

# 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](#).

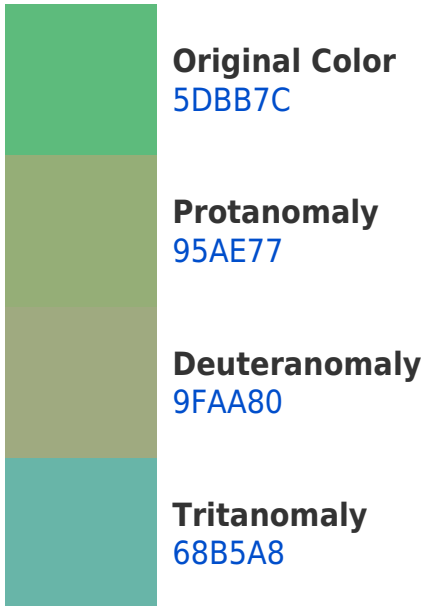
## Dichromacy



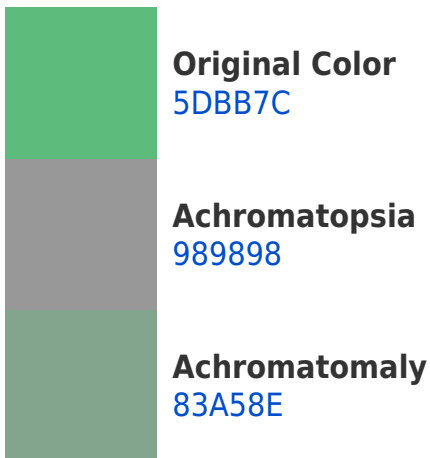


**Tritanopia**  
6EB2C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DBB7C 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 #5DBB7C looks like.

```
.text, #text, p{  
    color:#5DBB7C  
}
```

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 #5DBB7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DBB7C
}
```

## Border

The CSS property to change the border of an element to Hex 5DBB7C 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
#5DBB7C }
```

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

```
.border{ border-color:#5DBB7C }
```

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

Here you see how a box with a 4 pixel #5DBB7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DBB7C; -webkit-box-shadow:4px 4px  
4px 4px #5DBB7C; box-shadow:4px 4px 4px  
4px #5DBB7C }
```

# Background

The CSS property to change the background color of an element to Hex 5DBB7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DBB7C }
```

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

```
.background{ background-color:#5DBB7C }
```

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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