

Converting Colors

Hex(5DBB80)

Have a look what the booklet for
Hex(5DBB80) contains.

Hex(5DBB80)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5DBB80)

Conversions

Conversions Part 1

Format	Color
Hex	5DBB80
RGB	93, 187, 128
RGB Percent	36%, 73%, 50%
CMY	0.6353, 0.2667, 0.4980
CMYK	0.50, 0.00, 0.32, 0.27
HSL	142°, 41%, 55%
HSV	142°, 50%, 73%
XYZ	26.1808, 39.4263, 26.6522
YIQ	152.1680, -37.0850, -38.2770

Conversions

Conversions Part 2

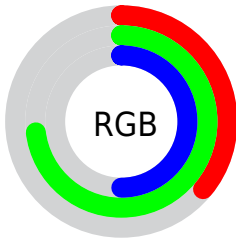
Format	Color
RYB	93, 161, 187
Decimal	6142848
CIELab	69.06, -41.31, 21.54
CIElCh	69, 46.589, 152.455
Yxy	39.4263, 0.2838, 0.4273
Android (android.graphics.Color)	4284332928 (0xFF5DBB80)
YUV	152.1680, -11.9148, -51.8903
Hunter-Lab	62.7904, -35.4566, 18.7868

Details

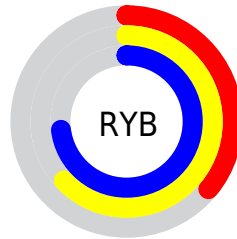
The Hex color **5DBB80** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BB5D98**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **95F4B5**, and **21854E** is the 20% darker color. If you saturate the color by 10%, you get **4ABB74**, and if you desaturate by 10%, it is **70BB8C**.

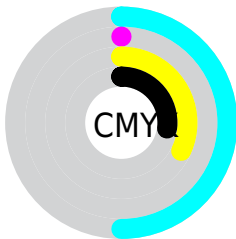
Distribution



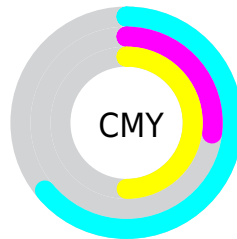
- Red (36%)
- Green (73%)
- Blue (50%)



- Red (36%)
- Yellow (63%)
- Blue (73%)



- Cyan (50%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)



- Cyan (64%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DBB80 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 5DBB80 by changing the saturation by 10% instead.

 5DBB80

 5DBB80

FFFFFF

 41A067

 95F4B5

 21854E

 B1FFD1

 006B37

 CEFFED

 005221

 EBFFFF

 003A0B

 002500

 000000

 5DBB80

 5DBB80

 4ABB74

 70BB8C

 38BB69

 82BB97

 25BB5D

 95BBA3

 12BB51

 A8BBAF

 00BB46

 BBBBBB

 CDBBC6

 E0BBD2

 F3BBDE

 FFBBEA

Harmonies

Analogous

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



93B35F



5DBB80



00BEAB

Triad

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



5DBB80



68ACFD



F68B7E

Complementary

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



5DBB80



BB5D98

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.



F786A7



5DBB80



B19CF0

Square

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



5DBB80



00B7F3



E08DD0



E1985E

Rectangle

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



5DBB80



00BEC7



E08DD0



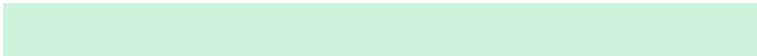
F9888B

Sweetspot

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



5DBB80



CEF2DB



99BB5D



647A6D



FAFAFA



7A7A7A

Same Dimension

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



5DBB80



61F297



5DBBAE



555E58



009E3B



001F0B

Inverse Universe

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



BB5D98



F261BC



BB5D6A



5E555B



9E0063



1F0013

Previews

White Background



This preview shows how the Hex color 5DBB80 looks on a white background.

Color Contrast Check

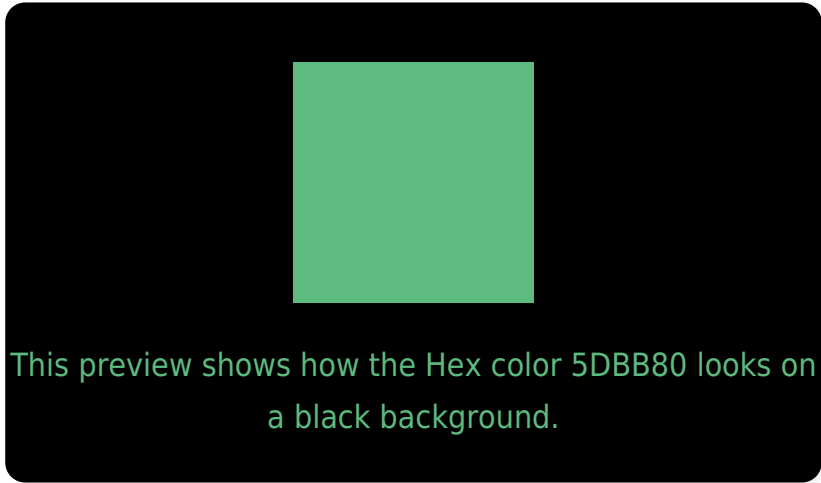
Large Text (above 18pt) WCAG AA × Fail

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 5DBB80 Background



This preview shows how black text looks on a background with the Hex color 5DBB80.

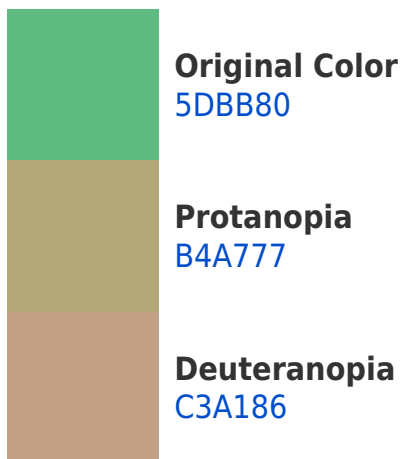


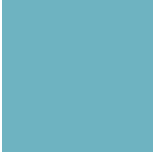
This preview shows how white text looks on a background with the Hex color 5DBB80.

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](#).

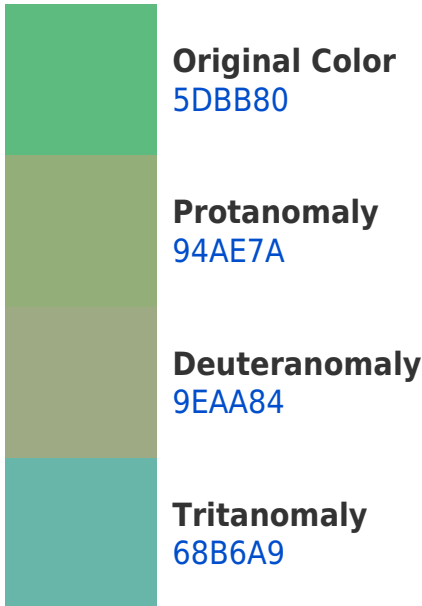
Dichromacy



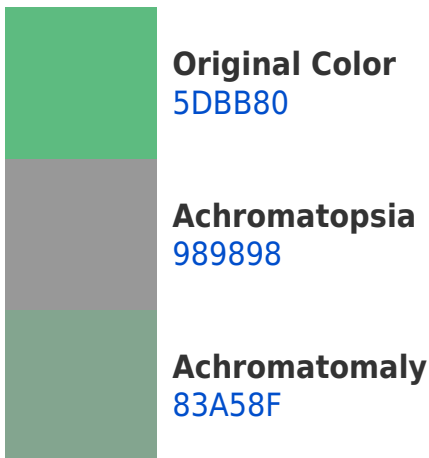


Tritanopia
6EB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DBB80 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 #5DBB80 looks like.

```
.text, #text, p{  
    color:#5DBB80  
}
```

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 #5DBB80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DBB80
}
```

Border

The CSS property to change the border of an element to Hex 5DBB80 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
#5DBB80 }
```

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

```
.border{ border-color:#5DBB80 }
```

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

Here you see how a box with a 4 pixel #5DBB80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DBB80; -webkit-box-shadow:4px 4px  
4px 4px #5DBB80; box-shadow:4px 4px 4px  
4px #5DBB80 }
```

Background

The CSS property to change the background color of an element to Hex 5DBB80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DBB80 }
```

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

```
.background{ background-color:#5DBB80 }
```

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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