

Converting Colors

Hex(5DBA7E)

Have a look what the booklet for
Hex(5DBA7E) contains.

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Color

Hex(5DBA7E)

Conversions

Conversions Part 1

Format	Color
Hex	5DBA7E
RGB	93, 186, 126
RGB Percent	36%, 73%, 49%
CMY	0.6353, 0.2706, 0.5059
CMYK	0.50, 0.00, 0.32, 0.27
HSL	141°, 40%, 55%
HSV	141°, 50%, 73%
XYZ	25.8390, 38.9513, 25.8952
YIQ	151.3530, -36.1680, -38.3760

Conversions

Conversions Part 2

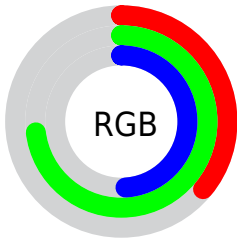
Format	Color
RYB	93, 162, 186
Decimal	6142590
CIELab	68.72, -41.25, 22.15
CIELCh	69, 46.822, 151.767
Yxy	38.9513, 0.2849, 0.4295
Android (android.graphics.Color)	4284332670 (0xFF5DBA7E)
YUV	151.3530, -12.4990, -51.1756
Hunter-Lab	62.4110, -35.3178, 19.0875

Details

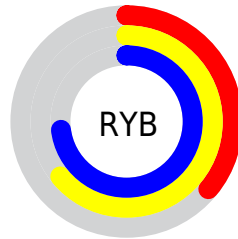
The Hex color **5DBA7E** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BA5D99**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **95F3B3**, and **21844C** is the 20% darker color. If you saturate the color by 10%, you get **4ABA72**, and if you desaturate by 10%, it is **70BA8A**.

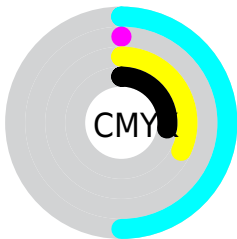
Distribution



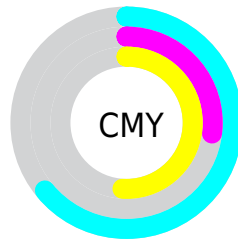
- Red (36%)
- Green (73%)
- Blue (49%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5DBA7E 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 5DBA7E by changing the saturation by 10% instead.

 5DBA7E

 5DBA7E

FFFFFF

 419F65

 95F3B3

 21844C

 B1FFCF

 006A35

 CEFFEB

 00511F

 EBFFFF

 003908

 002500

 000000

 5DBA7E

 5DBA7E

 4ABA72

 70BA8A

 38BA66

 82BA96

 25BA5A

 95BAA2

 13BA4E

 A7BAAE

 00BA42

 BABABA

 CDBAC6

 DFBAD2

 F2BADE

 FFBAEA

Harmonies

Analogous

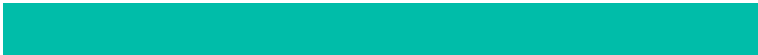
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93B25D



5DBA7E



00BDA9

Triad

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



5DBA7E



64ABFC



F5897D

Complementary

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



5DBA7E



BA5D99

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.



F685A7



5DBA7E



AE9CF0

Square

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



5DBA7E



00B6F1



DE8CD0



E1975E

Rectangle

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



5DBA7E



00BDC6



DE8CD0



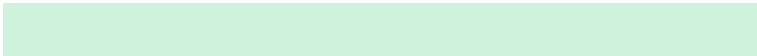
F8868A

Sweetspot

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



5DBA7E



CEF2DB



99BA5D



647A6C



FAFAFA



7A7A7A

Same Dimension

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



5DBA7E



61F294



5DBAAC



535C56



009C37



001C0A

Inverse Universe

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



BA5D99



F261BF



BA5D6B



5C5359



9C0064



1C0012

Previews

White Background



This preview shows how the Hex color 5DBA7E looks on a white background.

Color Contrast Check

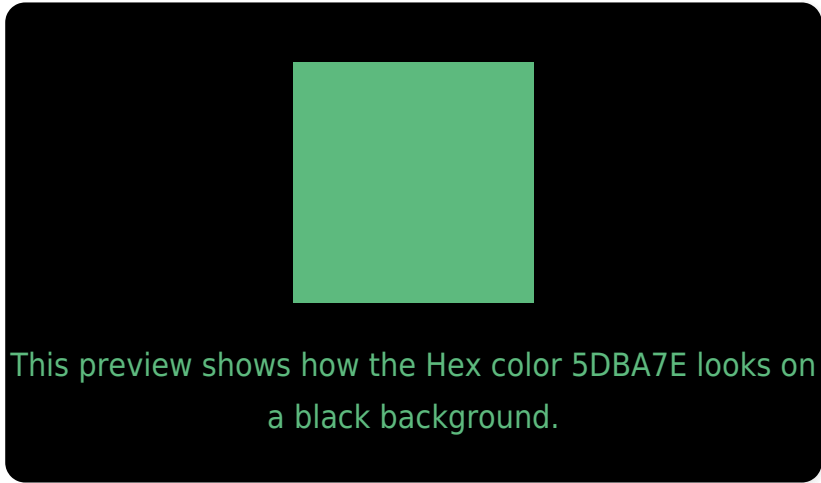
Large Text (above 18pt) WCAG AA × Fail

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

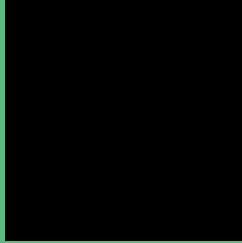
Any Text WCAG AA ✓ Pass

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 5DBA7E Background



This preview shows how black text looks on a background with the Hex color 5DBA7E.

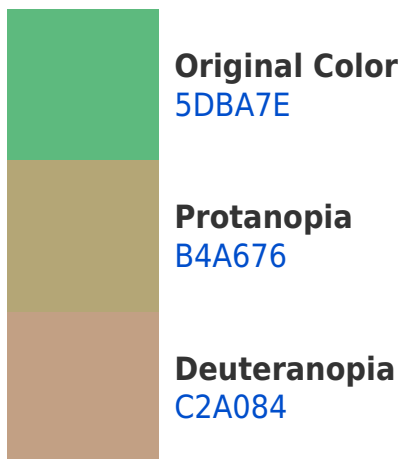


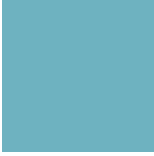
This preview shows how white text looks on a background with the Hex color 5DBA7E.

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
6EB2C0

Trichromacy



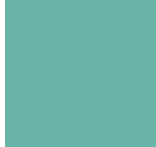
Original Color
5DBA7E



Protanomaly
94AD79



Deuteranomaly
9DA982



Tritanomaly
68B5A8

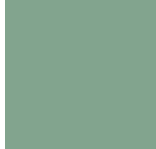
Monochromacy



Original Color
5DBA7E



Achromatopsia
979797



Achromatomaly
82A48E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DBA7E 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 #5DBA7E looks like.

```
.text, #text, p{  
    color:#5DBA7E  
}
```

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 #5DBA7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DBA7E
}
```

Border

The CSS property to change the border of an element to Hex 5DBA7E 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
#5DBA7E }
```

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

```
.border{ border-color:#5DBA7E }
```

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

Here you see how a box with a 4 pixel #5DBA7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DBA7E; -webkit-box-shadow:4px 4px  
4px 4px #5DBA7E; box-shadow:4px 4px 4px  
4px #5DBA7E }
```

Background

The CSS property to change the background color of an element to Hex 5DBA7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DBA7E }
```

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

```
.background{ background-color:#5DBA7E }
```

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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