

# Converting Colors

Hex(5AB07D)

Have a look what the booklet for  
Hex(5AB07D) contains.

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**Color**

**Hex(5AB07D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AB07D
RGB	90, 176, 125
RGB Percent	35%, 69%, 49%
CMY	0.6471, 0.3098, 0.5098
CMYK	0.49, 0.00, 0.29, 0.31
HSL	144°, 35%, 52%
HSV	144°, 49%, 69%
XYZ	23.4435, 34.7050, 24.8652
YIQ	144.4720, -34.8850, -34.0930

# Conversions

## Conversions Part 2

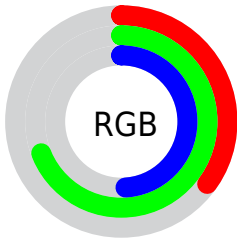
Format	Color
<a href="#">RYB</a>	<a href="#">90, 151, 176</a>
Decimal	<a href="#">5943421</a>
CIELab	<a href="#">65.52, -37.80, 18.30</a>
CIElCh	<a href="#">66, 42.001, 154.168</a>
Yxy	<a href="#">34.7050, 0.2824, 0.4181</a>
Android (android.graphics.Color)	<a href="#">4284133501 (0xFF5AB07D)</a>
YUV	<a href="#">144.4720, -9.5997, -47.7719</a>
Hunter-Lab	<a href="#">58.9109, -32.0606, 16.2125</a>

# Details

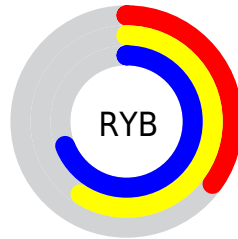
The Hex color **5AB07D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B05A8D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **91E8B2**, and **207B4C** is the 20% darker color. If you saturate the color by 10%, you get **48B073**, and if you desaturate by 10%, it is **6CB087**.

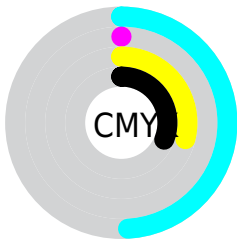
# Distribution



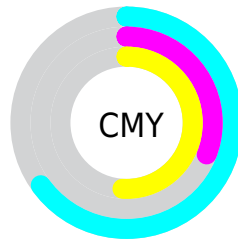
- Red (35%)
- Green (69%)
- Blue (49%)



- Red (35%)
- Yellow (59%)
- Blue (69%)



- Cyan (49%)
- Magenta (0%)
- Yellow (29%)
- Black (31%)



- Cyan (65%)
- Magenta (31%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5AB07D 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 5AB07D by changing the saturation by 10% instead.



■ 5AB07D

■ 5AB07D

FFFFFF

■ 3E9564

■ 91E8B2

■ 207B4C

■ ADFEED

■ 006135

■ C9FEEA

■ 00491F

■ E6FFFF

■ 003108

■ 001C00

■ 000000

■ 5AB07D

■ 5AB07D

■ 48B073

■ 6CB087

 37B068

 7DB092

 25B05E

 8FB09C

 14B053

 A0B0A7

 02B049

 B2B0B1

 00B048

 C4B0BC

 D5B0C6

 E7B0D0

 F8B0DB

# Harmonies

## Analogous

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



8AA95F



5AB07D



00B3A3

# Triad

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



5AB07D



6DA1EA



E48577

# Complementary

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



5AB07D



B05A8D

# 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.



E6809B



5AB07D



AA93DD

# Square

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



5AB07D



00ACE2



D286C1



D1915C

# Rectangle

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



5AB07D



00B2BD



D286C1



E78382



# Sweetspot

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



5AB07D



C3E6D1



8EB05A



5E7367



F2F2F2



737373



# Same Dimension

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



5AB07D



5EE695



5AB0A7



505954



00993E



001A0A



# Inverse Universe

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



B05A8D



E65EAE



B05A63



595056



99005B



1A000F



# Previews

## White Background



This preview shows how the Hex color 5AB07D looks on a white background.

## Color Contrast Check

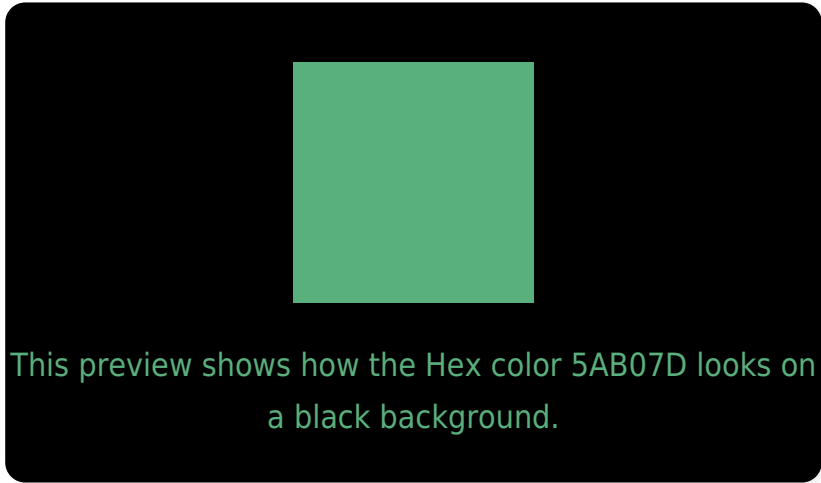
Large Text (above 18pt) WCAG AA × Fail

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 5AB07D Background



This preview shows how black text looks on a background with the Hex color 5AB07D.

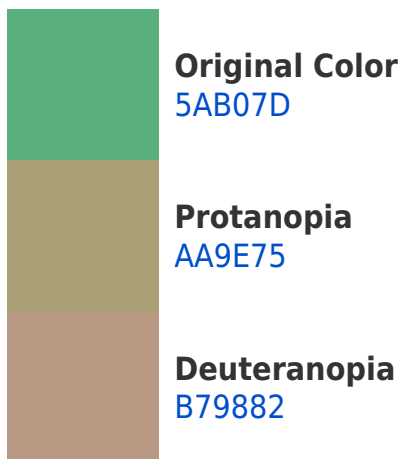


This preview shows how white text looks on a background with the Hex color 5AB07D.

# 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](#).

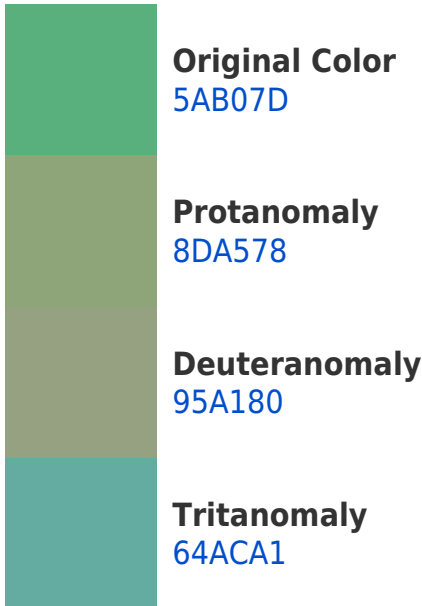
## Dichromacy



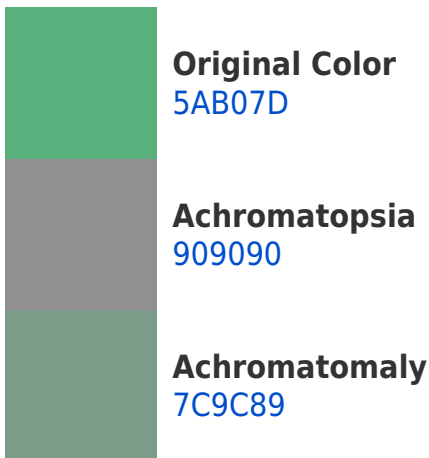


**Tritanopia**  
69A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5AB07D 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 #5AB07D looks like.

```
.text, #text, p{  
    color:#5AB07D  
}
```

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 #5AB07D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AB07D
}
```

## Border

The CSS property to change the border of an element to Hex 5AB07D 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
#5AB07D }
```

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

```
.border{ border-color:#5AB07D }
```

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

Here you see how a box with a 4 pixel #5AB07D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AB07D; -webkit-box-shadow:4px 4px  
4px 4px #5AB07D; box-shadow:4px 4px 4px  
4px #5AB07D }
```

# Background

The CSS property to change the background color of an element to Hex 5AB07D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AB07D }
```

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

```
.background{ background-color:#5AB07D }
```

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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