

# Converting Colors

Hex(5BAD7C)

Have a look what the booklet for  
Hex(5BAD7C) contains.

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# Color

Hex(5BAD7C)

# Conversions

## Conversions Part 1

Format	Color
Hex	5BAD7C
RGB	91, 173, 124
RGB Percent	36%, 68%, 49%
CMY	0.6431, 0.3216, 0.5137
CMYK	0.47, 0.00, 0.28, 0.32
HSL	144°, 33%, 52%
HSV	144°, 47%, 68%
XYZ	22.8960, 33.5665, 24.3410
YIQ	142.8960, -33.1430, -32.6230

# Conversions

## Conversions Part 2

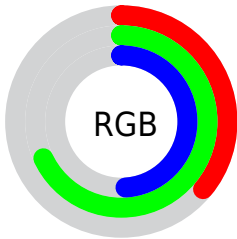
Format	Color
<a href="#">RYB</a>	<a href="#">91, 149, 173</a>
Decimal	<a href="#">6008188</a>
CIELab	<a href="#">64.62, -36.38, 17.61</a>
CIELCh	<a href="#">65, 40.419, 154.167</a>
Yxy	<a href="#">33.5665, 0.2834, 0.4154</a>
Android (android.graphics.Color)	<a href="#">4284198268 (0xFF5BAD7C)</a>
YUV	<a href="#">142.8960, -9.3157, -45.5128</a>
Hunter-Lab	<a href="#">57.9366, -30.8475, 15.6460</a>

# Details

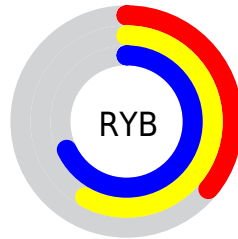
The Hex color **5BAD7C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AD5B8C**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **92E5B1**, and **23784B** is the 20% darker color. If you saturate the color by 10%, you get **4AAD72**, and if you desaturate by 10%, it is **6CAD86**.

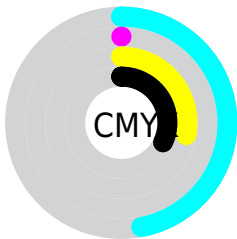
# Distribution



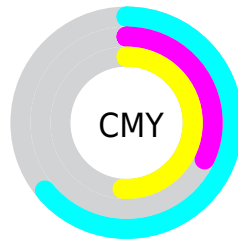
- Red (36%)
- Green (68%)
- Blue (49%)



- Red (36%)
- Yellow (58%)
- Blue (68%)



- Cyan (47%)
- Magenta (0%)
- Yellow (28%)
- Black (32%)



- Cyan (64%)
- Magenta (32%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BAD7C 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 5BAD7C by changing the saturation by 10% instead.



 5BAD7C

 5BAD7C

FFFFFF

 409263

 92E5B1

 23784B

 ADFECC

 005F34

 CAFFE8

 00461E

 E7FFFF

 002F07

 001900

 000000

 5BAD7C

 5BAD7C

 4AAD72

 6CAD86

 38AD67

 7EAD91

 27AD5D

 8FAD9B

 16AD53

 A0ADA5

 05AD48

 B2ADB0

 00AD46

 C3ADBA

 D4ADC4

 E5ADCF

 F7ADD9

# Harmonies

## Analogous

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



89A75F



5BAD7C



0DB0A1

# Triad

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



5BAD7C



6D9FE4



DF8476

# Complementary

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



5BAD7C



AD5B8C

# 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.



E18099



5BAD7C



A791D9

# Square

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



5BAD7C



08A9DD



CE85BD



CD905C

# Rectangle

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



5BAD7C



00AFB9



CE85BD



E28281



# Sweetspot

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



5BAD7C



C1E0CE



8CAD5B



5D7065



F0F0F0



707070



# Same Dimension

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



5BAD7C



60E094



5BADA5



4E5752



00963D



001709



# Inverse Universe

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



AD5B8C



E060AD



AD5B63



574E53



96005A



17000E



# Previews

## White Background



This preview shows how the Hex color 5BAD7C looks on a white background.

## Color Contrast Check

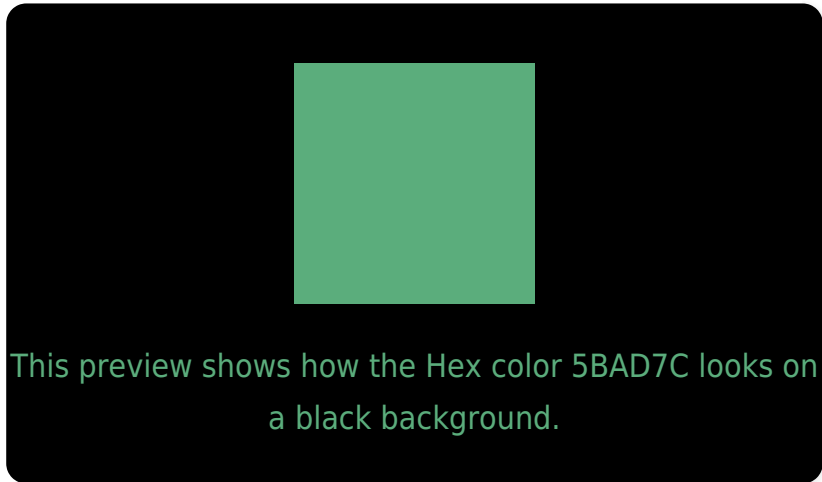
Large Text (above 18pt) WCAG AA × Fail

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

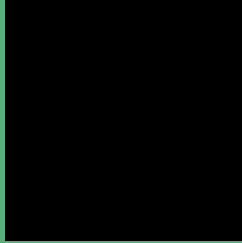
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5BAD7C Background



This preview shows how black text looks on a background with the Hex color 5BAD7C.



This preview shows how white text looks on a background with the Hex color 5BAD7C.

# 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](#).

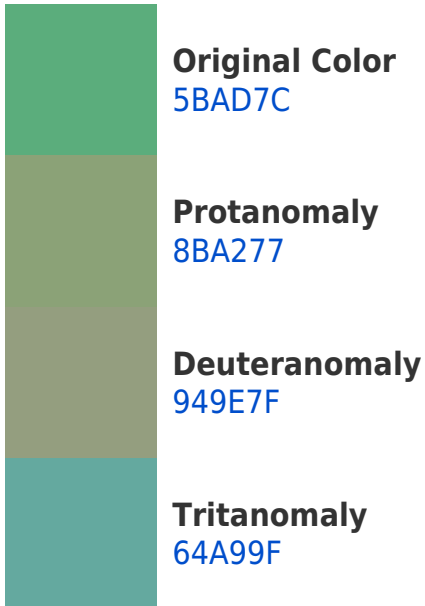
## Dichromacy



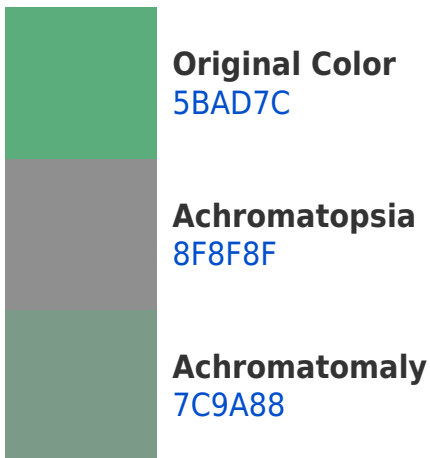


**Tritanopia**  
69A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BAD7C 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 #5BAD7C looks like.

```
.text, #text, p{  
    color:#5BAD7C  
}
```

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 #5BAD7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BAD7C
}
```

## Border

The CSS property to change the border of an element to Hex 5BAD7C 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
#5BAD7C }
```

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

```
.border{ border-color:#5BAD7C }
```

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

Here you see how a box with a 4 pixel #5BAD7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BAD7C; -webkit-box-shadow:4px 4px  
4px 4px #5BAD7C; box-shadow:4px 4px 4px  
4px #5BAD7C }
```

# Background

The CSS property to change the background color of an element to Hex 5BAD7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BAD7C }
```

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

```
.background{ background-color:#5BAD7C }
```

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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