

# Converting Colors

Hex(5BA69D)

Have a look what the booklet for  
Hex(5BA69D) contains.

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**Color**

**Hex(5BA69D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BA69D
RGB	91, 166, 157
RGB Percent	36%, 65%, 62%
CMY	0.6431, 0.3490, 0.3843
CMYK	0.45, 0.00, 0.05, 0.35
HSL	173°, 30%, 50%
HSV	173°, 45%, 65%
XYZ	24.0364, 31.9309, 36.7947
YIQ	142.5490, -41.8110, -18.6990

# Conversions

## Conversions Part 2

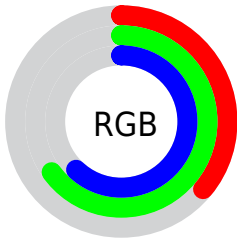
Format	Color
<b>RYB</b>	91, 131, 166
Decimal	6006429
CIELab	63.29, -25.56, -2.61
CIELCh	63, 25.692, 185.824
Yxy	31.9309, 0.2591, 0.3442
Android (android.graphics.Color)	4284196509 (0xFF5BA69D)
YUV	142.5490, 7.1243, -45.2085
Hunter-Lab	56.5074, -22.9600, 0.9486

# Details

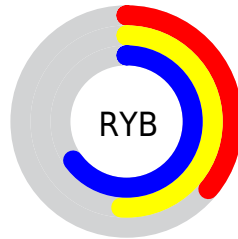
The Hex color **5BA69D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A65B64**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **92DDD3**, and **22726A** is the 20% darker color. If you saturate the color by 10%, you get **4AA69B**, and if you desaturate by 10%, it is **6CA69F**.

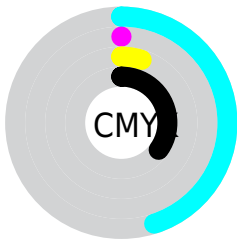
# Distribution



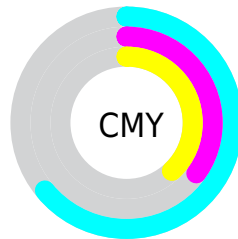
- Red (36%)
- Green (65%)
- Blue (62%)



- Red (36%)
- Yellow (51%)
- Blue (65%)



- Cyan (45%)
- Magenta (0%)
- Yellow (5%)
- Black (35%)



- Cyan (64%)
- Magenta (35%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BA69D 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 5BA69D by changing the saturation by 10% instead.



 5BA69D

 5BA69D

FFFFFF

 408B83

 92DDD3

 22726A

 ADFAF0

 005952

 CAFFFF

 00413B

 E7FFFF

 002A25

 001410

 000000

 5BA69D

 5BA69D

 4AA69B

 6CA69F

3AA699

7CA6A1

29A697

8DA6A3

19A695

9DA6A5

08A693

AEA6A7

00A692

BFA6A9

CFA6AB

E0A6AD

F0A6AF

# Harmonies

## Analogous

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



72A486



5BA69D



53A5B3

# Triad

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



5BA69D



A292BE



B99170

# Complementary

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



5BA69D



A65B64

# 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.



C58B80



5BA69D



BA8BAC

# Square

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



5BA69D



839AC6



C68895



A5996C

# Rectangle

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



5BA69D



5BA2BE



C68895



BF8F74



# Sweetspot

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



5BA69D



BAD9D5



65A65B



5B6E6B



EDEDED



6E6E6E



# Same Dimension

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



5BA69D



64D9CB



5B8AA6



4C5453



009482



001412



# Inverse Universe

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



A65B64



D96472



A6765B



544C4D



940012

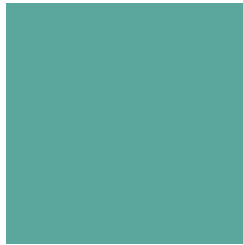


140002



# Previews

## White Background



This preview shows how the Hex color 5BA69D 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



This preview shows how the Hex color 5BA69D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

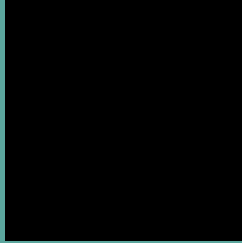
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5BA69D Background



This preview shows how black text looks on a background with the Hex color 5BA69D.

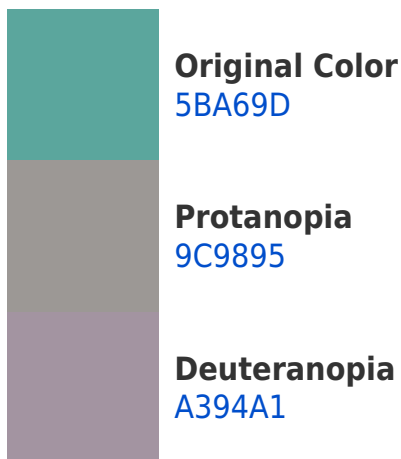


This preview shows how white text looks on a background with the Hex color 5BA69D.

# 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](#).

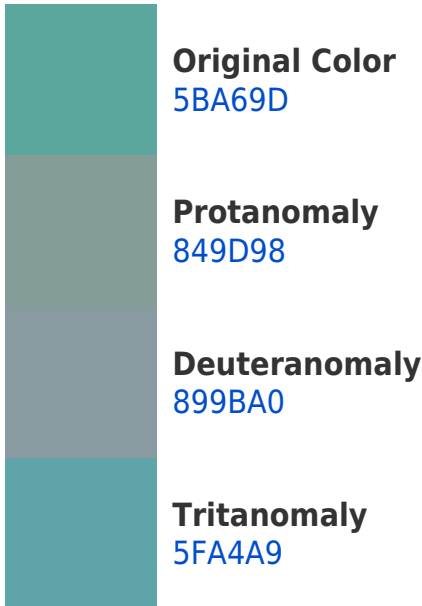
## Dichromacy



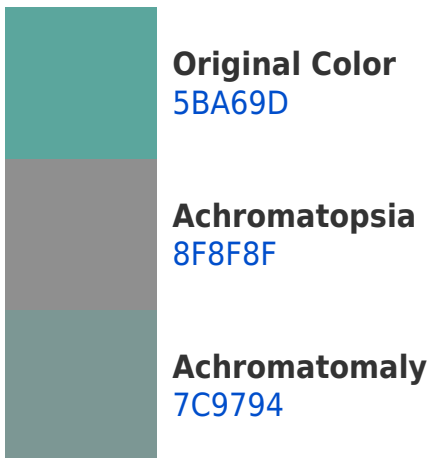


**Tritanopia**  
61A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BA69D 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 #5BA69D looks like.

```
.text, #text, p{  
    color:#5BA69D  
}
```

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 #5BA69D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA69D
}
```

## Border

The CSS property to change the border of an element to Hex 5BA69D 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
#5BA69D }
```

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

```
.border{ border-color:#5BA69D }
```

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

Here you see how a box with a 4 pixel #5BA69D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA69D; -webkit-box-shadow:4px 4px  
4px 4px #5BA69D; box-shadow:4px 4px 4px  
4px #5BA69D }
```

# Background

The CSS property to change the background color of an element to Hex 5BA69D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA69D }
```

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

```
.background{ background-color:#5BA69D }
```

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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