

# Converting Colors

Hex(5BA38D)

Have a look what the booklet for  
Hex(5BA38D) contains.

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# Color

**Hex(5BA38D)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5BA38D                       |
| RGB         | 91, 163, 141                 |
| RGB Percent | 36%, 64%, 55%                |
| CMY         | 0.6431, 0.3608, 0.4471       |
| CMYK        | 0.44, 0.00, 0.13, 0.36       |
| HSL         | 162°, 28%, 50%               |
| HSV         | 162°, 44%, 64%               |
| XYZ         | 22.2193, 30.3416, 29.8847    |
| YIQ         | 138.9640, -35.8500, -22.1060 |

# Conversions

## Conversions Part 2

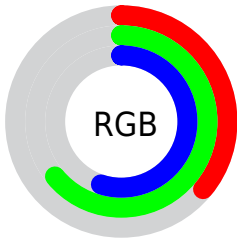
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 91, 133, 163                  |
| Decimal                             | 6005645                       |
| CIELab                              | 61.95, -27.97, 4.42           |
| CIElCh                              | 62, 28.317, 171.024           |
| Yxy                                 | 30.3416, 0.2695,<br>0.3680    |
| Android<br>(android.graphics.Color) | 4284195725<br>(0xFF5BA38D)    |
| YUV                                 | 138.9640, 1.0037,<br>-42.0644 |
| Hunter-Lab                          | 55.0832, -24.3929,<br>6.3912  |

# Details

The Hex color **5BA38D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A35B71**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **91DAC3**, and **256F5B** is the 20% darker color. If you saturate the color by 10%, you get **4BA388**, and if you desaturate by 10%, it is **6BA392**.

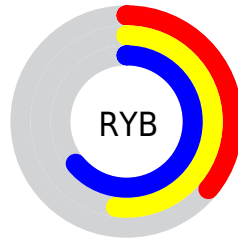
# Distribution



Red (36%)

Green (64%)

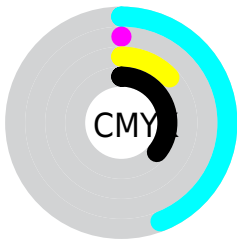
Blue (55%)



Red (36%)

Yellow (52%)

Blue (64%)

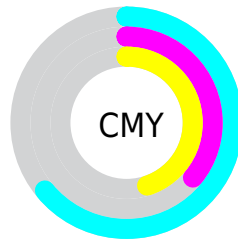


Cyan (44%)

Magenta (0%)

Yellow (13%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BA38D 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 5BA38D by changing the saturation by 10% instead.



 5BA38D

 5BA38D

FFFFFF

 408873

 91DAC3

 256F5B

 ACF7DE

 005643

 C9FFFB

 003E2D

 E5FFFF

 002819

 000D00

 000000

 5BA38D

 5BA38D

 4BA388

 6BA392

■ 3AA383

■ 7CA397

■ 2AA37E

■ 8CA39C

■ 1AA379

■ 9CA3A1

■ 0AA374

■ ADA3A6

■ 00A371

■ BDA3AB

■ CDA3B0

■ DDA3B5

■ EEA3BA

# Harmonies

## Analogous

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



78A075



5BA38D



45A3A7

# Triad

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



5BA38D



8F92C4



C08970

# Complementary

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



5BA38D



A35B71

# 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.



C88485



5BA38D



AE89B5

# Square

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



5BA38D



699AC7



C2849E



AE9264

# Rectangle

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



5BA38D



44A2B6



C2849E



C48776



# Sweetspot

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



5BA38D



B8D4CB



72A35B



5A6B66



EBEBEB



6B6B6B



# Same Dimension

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



5BA38D



63D4B1



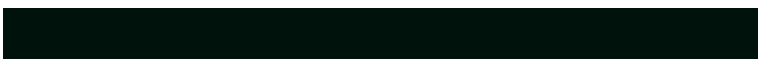
5B96A3



49524F



009165



00120C



# Inverse Universe

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



A35B71



D46386



A3685B



52494C



91002C



120005



# Previews

## White Background



This preview shows how the Hex color 5BA38D looks on a white background.

## Color Contrast Check

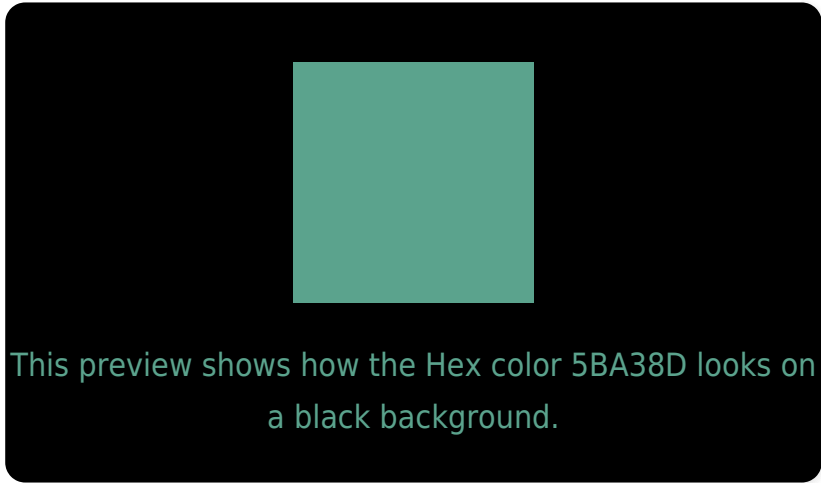
Large Text (above 18pt) WCAG AA × Fail

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

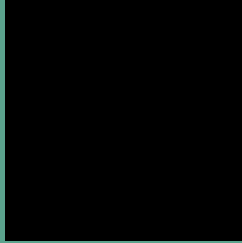
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5BA38D Background



This preview shows how black text looks on a background with the Hex color 5BA38D.

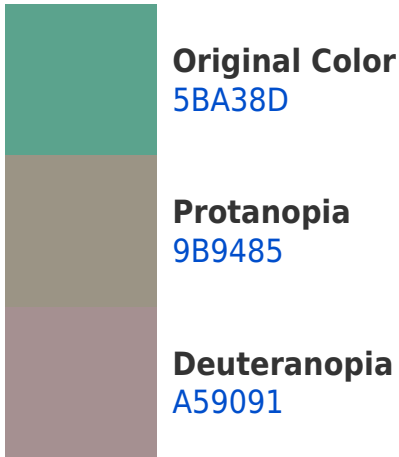


This preview shows how white text looks on a background with the Hex color 5BA38D.

# Color Blindness Simulation

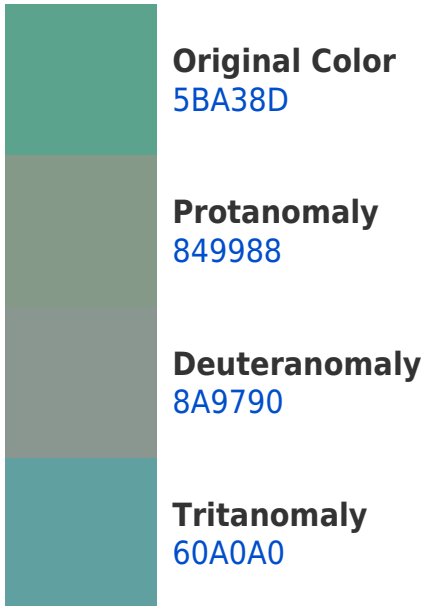
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BA38D 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 #5BA38D looks like.

```
.text, #text, p{  
    color:#5BA38D  
}
```

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 #5BA38D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA38D
}
```

## Border

The CSS property to change the border of an element to Hex 5BA38D 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
#5BA38D }
```

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

```
.border{ border-color:#5BA38D }
```

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

Here you see how a box with a 4 pixel #5BA38D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA38D; -webkit-box-shadow:4px 4px  
4px 4px #5BA38D; box-shadow:4px 4px 4px  
4px #5BA38D }
```

# Background

The CSS property to change the background color of an element to Hex 5BA38D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA38D }
```

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

```
.background{ background-color:#5BA38D }
```

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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