

# Converting Colors

Hex(5BA18C)

Have a look what the booklet for  
Hex(5BA18C) contains.

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# Color

**Hex(5BA18C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BA18C
RGB	91, 161, 140
RGB Percent	36%, 63%, 55%
CMY	0.6431, 0.3686, 0.4510
CMYK	0.43, 0.00, 0.13, 0.37
HSL	162°, 28%, 49%
HSV	162°, 43%, 63%
XYZ	21.7929, 29.6073, 29.3771
YIQ	137.6760, -34.9790, -21.3710

# Conversions

## Conversions Part 2

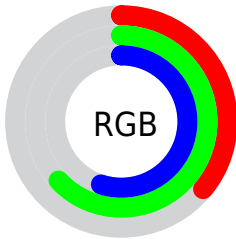
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 132, 161
Decimal	6005132
CIELab	61.31, -27.22, 4.07
CIELCh	61, 27.523, 171.507
Yxy	29.6073, 0.2698, 0.3665
Android (android.graphics.Color)	4284195212 (0xFF5BA18C)
YUV	137.6760, 1.1457, -40.9349
Hunter-Lab	54.4126, -23.7308, 6.0784

# Details

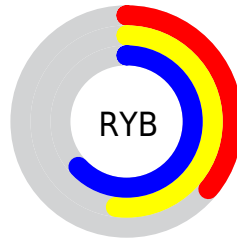
The Hex color **5BA18C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A15B70**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **91D8C2**, and **256D5A** is the 20% darker color. If you saturate the color by 10%, you get **4BA187**, and if you desaturate by 10%, it is **6BA191**.

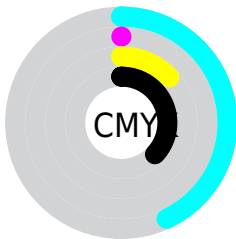
# Distribution



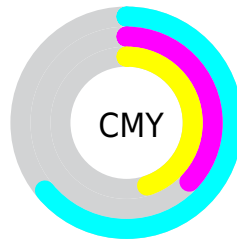
- Red (36%)
- Green (63%)
- Blue (55%)



- Red (36%)
- Yellow (52%)
- Blue (63%)



- Cyan (43%)
- Magenta (0%)
- Yellow (13%)
- Black (37%)



- Cyan (64%)
- Magenta (37%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BA18C 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 5BA18C by changing the saturation by 10% instead.



 5BA18C

 5BA18C

FFFFFF

 418773

 91D8C2

 256D5A

 ACF5DD

 005443

 C8FFFA

 003D2D

 E5FFFF

 002718

 000900

 000000

 5BA18C

 5BA18C

 4BA187

 6BA191

 3BA182

 7BA196

 2BA17E

 8BA19A

 1BA179

 9BA19F

 0AA174

 ACA1A4

 00A171

 BCA1A9

 CCA1AE

 DCA1B3

 ECA1B7

# Harmonies

## Analogous

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



779E75



5BA18C



47A1A5

# Triad

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



5BA18C



8E90C1



BD886F

# Complementary

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



5BA18C



A15B70

# 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.



C58383



5BA18C



AC88B3

# Square

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



5BA18C



6A98C4



BF829C



AB9064

# Rectangle

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



5BA18C



46A0B3



BF829C



C18675



# Sweetspot

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



5BA18C



B6D1C9



70A15B



586964



E8E8E8



696969



# Same Dimension

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



5BA18C



64D1B0



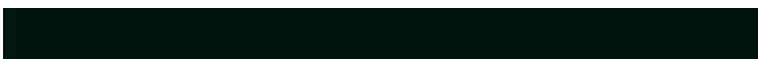
5B93A1



49524F



009166



00120C



# Inverse Universe

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



A15B70



D16485



A1695B



52494C



91002C

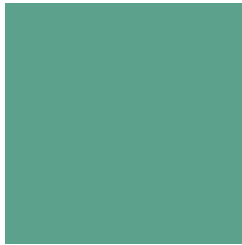


120005



# Previews

## White Background



This preview shows how the Hex color 5BA18C looks on a white background.

## Color Contrast Check

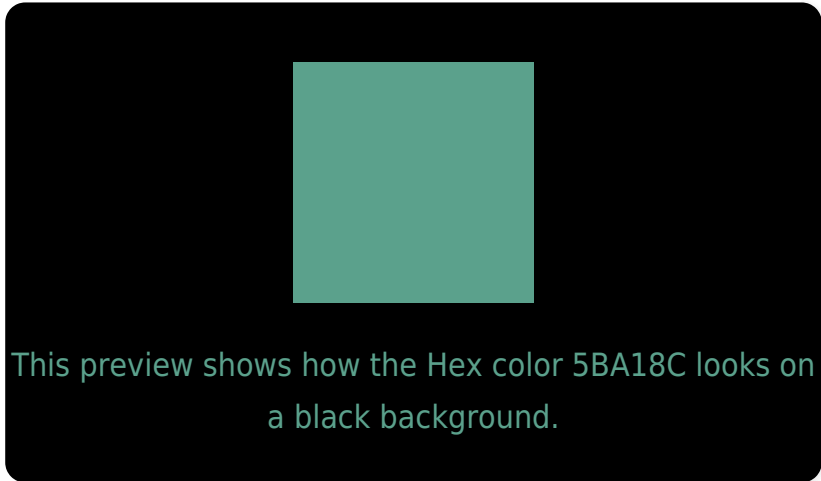
Large Text (above 18pt) WCAG AA ✓ Pass

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

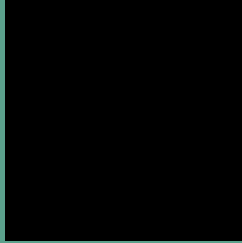
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5BA18C Background



This preview shows how black text looks on a background with the Hex color 5BA18C.

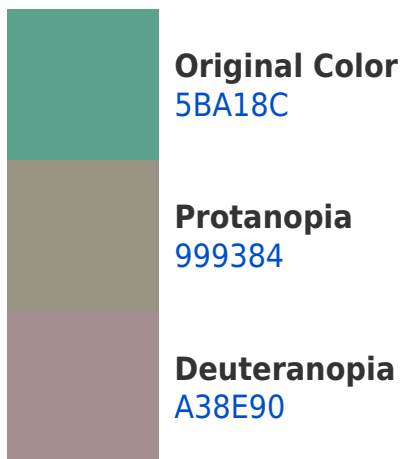


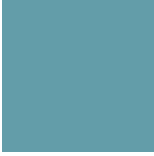
This preview shows how white text looks on a background with the Hex color 5BA18C.

# 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



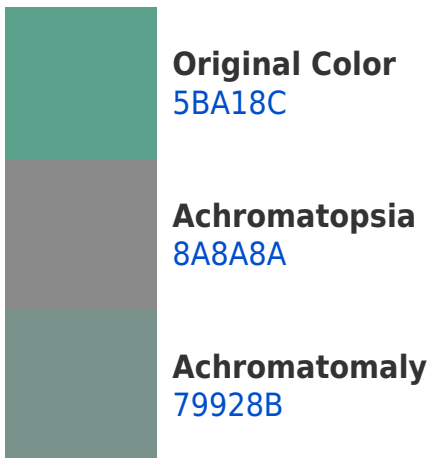


**Tritanopia**  
639DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BA18C 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 #5BA18C looks like.

```
.text, #text, p{  
    color:#5BA18C  
}
```

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 #5BA18C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA18C
}
```

## Border

The CSS property to change the border of an element to Hex 5BA18C 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
#5BA18C }
```

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

```
.border{ border-color:#5BA18C }
```

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

Here you see how a box with a 4 pixel #5BA18C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA18C; -webkit-box-shadow:4px 4px  
4px 4px #5BA18C; box-shadow:4px 4px 4px  
4px #5BA18C }
```

# Background

The CSS property to change the background color of an element to Hex 5BA18C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA18C }
```

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

```
.background{ background-color:#5BA18C }
```

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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