

# Converting Colors

Hex(5BAA93)

Have a look what the booklet for  
Hex(5BAA93) contains.

<b>Hex(5BAA93)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(5BAA93)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BAA93
RGB	91, 170, 147
RGB Percent	36%, 67%, 58%
CMY	0.6431, 0.3333, 0.4235
CMYK	0.46, 0.00, 0.14, 0.33
HSL	163°, 32%, 51%
HSV	163°, 46%, 67%
XYZ	23.9556, 33.0802, 32.7263
YIQ	143.7570, -39.7010, -23.9010

# Conversions

## Conversions Part 2

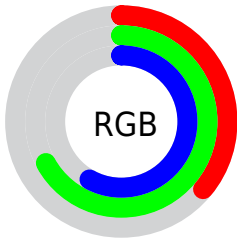
Format	Color
<a href="#">RYB</a>	<a href="#">91, 137, 170</a>
Decimal	<a href="#">6007443</a>
CIELab	<a href="#">64.23, -29.97, 4.35</a>
CIELCh	<a href="#">64, 30.280, 171.741</a>
Yxy	<a href="#">33.0802, 0.2669, 0.3685</a>
Android (android.graphics.Color)	<a href="#">4284197523</a> ( <a href="#">0xFF5BAA93</a> )
YUV	<a href="#">143.7570, 1.5988, -46.2679</a>
Hunter-Lab	<a href="#">57.5154, -26.3054, 6.5247</a>

# Details

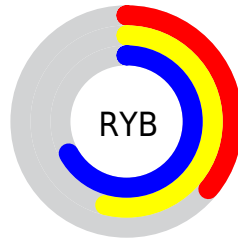
The Hex color **5BAA93** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA5B72**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **92E2C9**, and **227560** is the 20% darker color. If you saturate the color by 10%, you get **4AAA8E**, and if you desaturate by 10%, it is **6CAA98**.

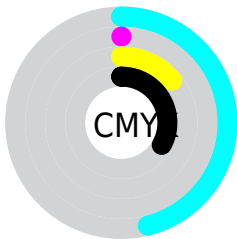
# Distribution



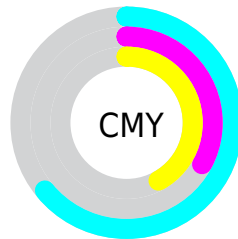
- Red (36%)
- Green (67%)
- Blue (58%)



- Red (36%)
- Yellow (54%)
- Blue (67%)



- Cyan (46%)
- Magenta (0%)
- Yellow (14%)
- Black (33%)



- Cyan (64%)
- Magenta (33%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BAA93 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 5BAA93 by changing the saturation by 10% instead.



 5BAA93

 5BAA93

FFFFFF

 408F79

 92E2C9

 227560

 ADFFE5

 005C49

 CAFFFF

 004432

 E7FFFF

 002D1D

 001804

 000000

 5BAA93

 5BAA93

 4AAA8E

 6CAA98

■ 39AA89

■ 7DAA9D

■ 28AA84

■ 8EAAA2

■ 17AA7F

■ 9FAAA7

■ 06AA7A

■ B0AAAC

■ 00AA79

■ C1AAB1

■ D2AAB6

■ E3AABB

■ F4AAC0

# Harmonies

## Analogous

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



7BA779



5BAA93



42AAAF

# Triad

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



5BAA93



9597CE



C98E72

# Complementary

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



5BAA93



AA5B72

# 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.



D18889



5BAA93



B78EBD

# Square

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



5BAA93



6CA1D1



CC88A4



B59766

# Rectangle

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



5BAA93



41A9BF



CC88A4



CD8C79



# Sweetspot

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



5BAA93



BFDED5



73AA5B



5D706B



F0F0F0



707070



# Same Dimension

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



5BAA93



62DEBA



5B9AAA



4C5452



009469



00140E



# Inverse Universe

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



AA5B72



DE6286



AA6B5B



544C4E



94002B

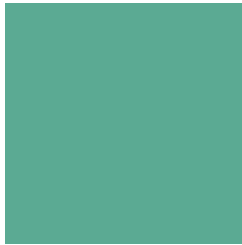


140006



# Previews

## White Background



This preview shows how the Hex color 5BAA93 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 5BAA93 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

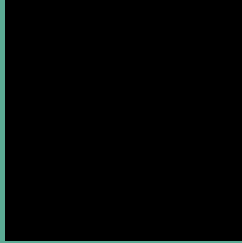
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5BAA93 Background



This preview shows how black text looks on a background with the Hex color 5BAA93.

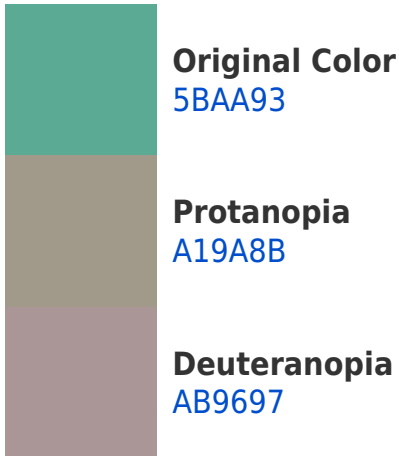


This preview shows how white text looks on a background with the Hex color 5BAA93.

# 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](#).

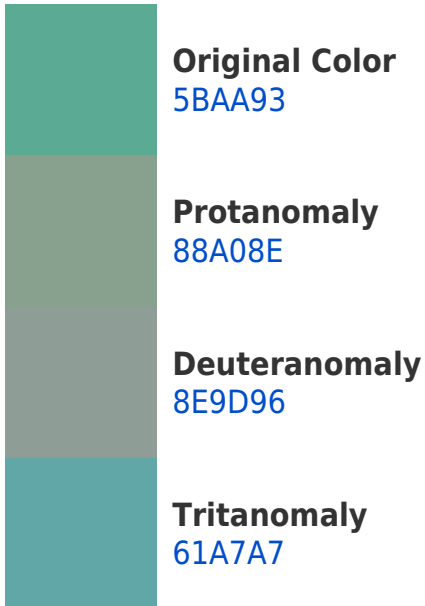
## Dichromacy





**Tritanopia**  
64A5B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BAA93 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 #5BAA93 looks like.

```
.text, #text, p{  
    color:#5BAA93  
}
```

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 #5BAA93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BAA93
}
```

## Border

The CSS property to change the border of an element to Hex 5BAA93 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
#5BAA93 }
```

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

```
.border{ border-color:#5BAA93 }
```

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

Here you see how a box with a 4 pixel #5BAA93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BAA93; -webkit-box-shadow:4px 4px  
4px 4px #5BAA93; box-shadow:4px 4px 4px  
4px #5BAA93 }
```

# Background

The CSS property to change the background color of an element to Hex 5BAA93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BAA93 }
```

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

```
.background{ background-color:#5BAA93 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor