

# Converting Colors

Hex(5EAA8A)

Have a look what the booklet for  
Hex(5EAA8A) contains.

<b>Hex(5EAA8A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(5EAA8A)

# Conversions

## Conversions Part 1

Format	Color
Hex	5EAA8A
RGB	94, 170, 138
RGB Percent	37%, 67%, 54%
CMY	0.6314, 0.3333, 0.4588
CMYK	0.45, 0.00, 0.19, 0.33
HSL	155°, 31%, 52%
HSV	155°, 45%, 67%
XYZ	23.5783, 32.9641, 29.1648
YIQ	143.6280, -35.0240, -26.0640

# Conversions

## Conversions Part 2

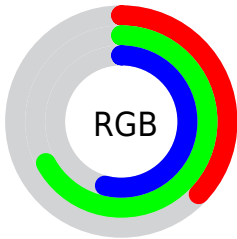
Format	Color
<a href="#">RYB</a>	<a href="#">94, 142, 170</a>
Decimal	<a href="#">6204042</a>
CIELab	<a href="#">64.13, -31.23, 9.24</a>
CIELCh	<a href="#">64, 32.566, 163.525</a>
Yxy	<a href="#">32.9641, 0.2751, 0.3846</a>
Android (android.graphics.Color)	<a href="#">4284394122</a> ( <a href="#">0xFF5EAA8A</a> )
YUV	<a href="#">143.6280, -2.7746, -43.5238</a>
Hunter-Lab	<a href="#">57.4144, -27.1709, 10.0725</a>

# Details

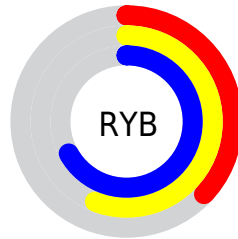
The Hex color **5EAA8A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA5E7E**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **94E2BF**, and **277558** is the 20% darker color. If you saturate the color by 10%, you get **4DAA83**, and if you desaturate by 10%, it is **6FAA91**.

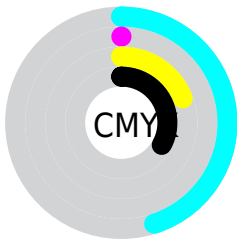
# Distribution



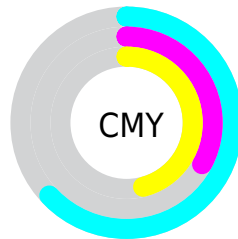
- Red (37%)
- Green (67%)
- Blue (54%)



- Red (37%)
- Yellow (56%)
- Blue (67%)



- Cyan (45%)
- Magenta (0%)
- Yellow (19%)
- Black (33%)



- Cyan (63%)
- Magenta (33%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EAA8A 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 5EAA8A by changing the saturation by 10% instead.



■ 5EAA8A

■ 5EAA8A

FFFFFF

■ 438F71

■ 94E2BF

■ 277558

■ B0FFDB

■ 015C41

■ CCFFF8

■ 00442B

■ E9FFFF

■ 002D16

■ 001700

■ 000000

■ 5EAA8A

■ 5EAA8A

■ 4DAA83

■ 6FAA91

3CAA7C

80AA98

2BAA75

91AA9F

1AAA6D

A2AAA7

09AA66

B3AAAE

00AA62

C4AAB5

D5AABC

E6AAC3

F7AACA

# Harmonies

## Analogous

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



82A570



5EAA8A



3BABA8

# Triad

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



5EAA8A



889AD4



CF8B75

# Complementary

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



5EAA8A



AA5E7E

# 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.



D5858F



5EAA8A



B08FC6

# Square

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



5EAA8A



59A3D3



CA87AD



BD9464

# Rectangle

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



5EAA8A



30AABB



CA87AD



D3887D



# Sweetspot

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



5EAA8A



C1DED2



7FAA5E



5E7069



F0F0F0



707070



# Same Dimension

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



5EAA8A



66DEAB



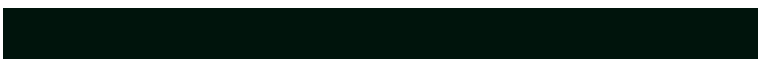
5EA5AA



4C5451



009456



00140C



# Inverse Universe

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



AA5E7E



DE6698



AA635E



544C4F



94003E

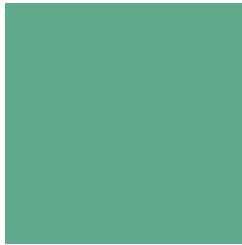


140009



# Previews

## White Background



This preview shows how the Hex color 5EAA8A looks on a white background.

## Color Contrast Check

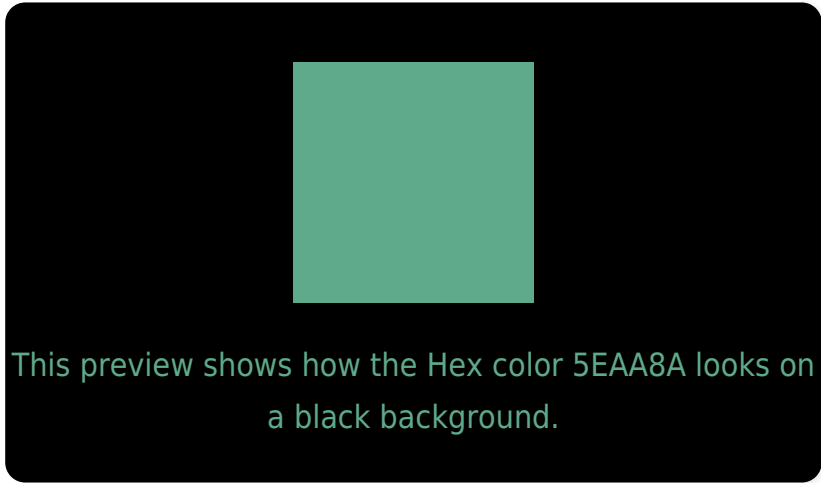
Large Text (above 18pt) WCAG AA × Fail

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

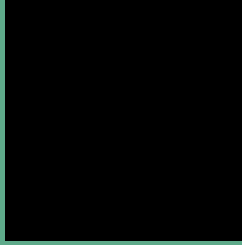
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5EAA8A Background



This preview shows how black text looks on a background with the Hex color 5EAA8A.

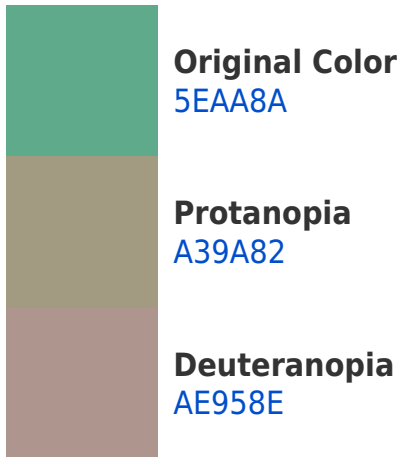


This preview shows how white text looks on a background with the Hex color 5EAA8A.

# 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](#).

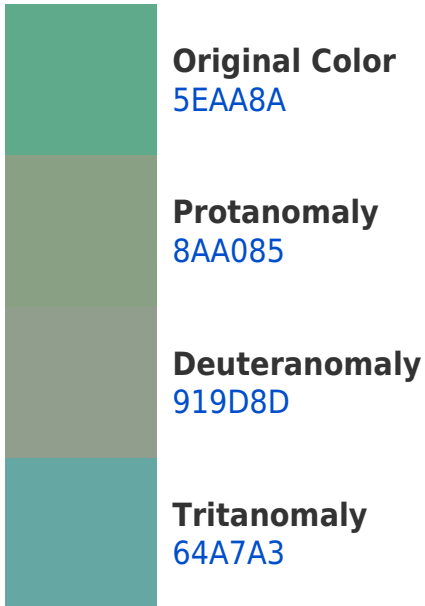
## Dichromacy



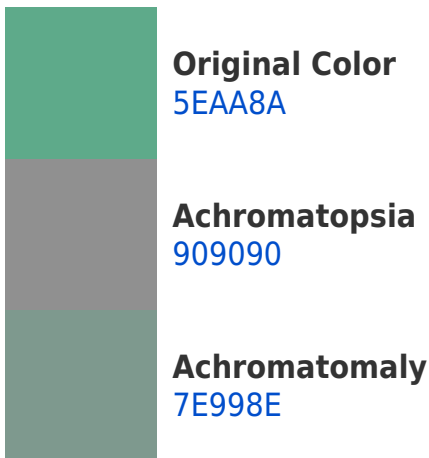


**Tritanopia**  
68A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EAA8A 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 #5EAA8A looks like.

```
.text, #text, p{  
    color:#5EAA8A  
}
```

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 #5EAA8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EAA8A
}
```

## Border

The CSS property to change the border of an element to Hex 5EAA8A 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
#5EAA8A }
```

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

```
.border{ border-color:#5EAA8A }
```

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

Here you see how a box with a 4 pixel #5EAA8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EAA8A; -webkit-box-shadow:4px 4px  
4px 4px #5EAA8A; box-shadow:4px 4px 4px  
4px #5EAA8A }
```

# Background

The CSS property to change the background color of an element to Hex 5EAA8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EAA8A }
```

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

```
.background{ background-color:#5EAA8A }
```

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