

# Converting Colors

Hex(8AC6A3)

Have a look what the booklet for  
Hex(8AC6A3) contains.

<b>Hex(8AC6A3)</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(8AC6A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AC6A3
RGB	138, 198, 163
RGB Percent	54%, 78%, 64%
CMY	0.4588, 0.2235, 0.3608
CMYK	0.30, 0.00, 0.18, 0.22
HSL	145°, 34%, 66%
HSV	145°, 30%, 78%
XYZ	37.2862, 48.4358, 42.0342
YIQ	176.0700, -24.5250, -23.6050

# Conversions

## Conversions Part 2

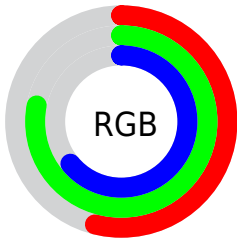
Format	Color
<a href="#">RYB</a>	<a href="#">138, 180, 198</a>
Decimal	<a href="#">9094819</a>
CIELab	<a href="#">75.10, -26.65, 11.44</a>
CIELCh	<a href="#">75, 28.998, 156.766</a>
Yxy	<a href="#">48.4358, 0.2919, 0.3791</a>
Android (android.graphics.Color)	<a href="#">4287284899 (0xFF8AC6A3)</a>
YUV	<a href="#">176.0700, -6.4435, -33.3874</a>
Hunter-Lab	<a href="#">69.5958, -26.1608, 12.9074</a>

# Details

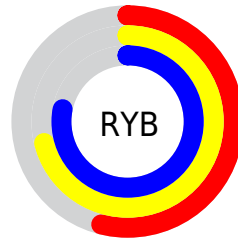
The Hex color **8AC6A3** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C68AAD**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **C1FFDA**, and **56906F** is the 20% darker color. If you saturate the color by 10%, you get **76C697**, and if you desaturate by 10%, it is **9EC6AF**.

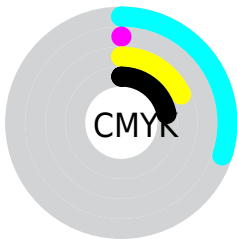
# Distribution



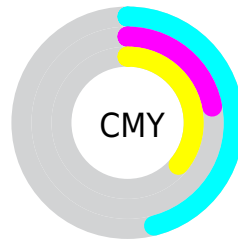
- Red (54%)
- Green (78%)
- Blue (64%)



- Red (54%)
- Yellow (71%)
- Blue (78%)



- Cyan (30%)
- Magenta (0%)
- Yellow (18%)
- Black (22%)



- Cyan (46%)
- Magenta (22%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AC6A3 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 8AC6A3 by changing the saturation by 10% instead.





8AC6A3



8AC6A3

FFFFFF



70AB89



C1FFDA



56906F



DDFFF6



3D7657



FAFFFF



235D3F



054529



002E15



001A00



000000



8AC6A3



8AC6A3

 76C697

 9EC6AF

 62C68C

 B2C6BA

 4FC680

 C5C6C6

 3BC675

 D9C6D1

 27C669

 EDC6DD

 13C65E

 FFC6E8

 00C653

 FFC6F4

 FFC6FF

# Harmonies

## Analogous

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



A9C18E



8AC6A3



70C8BE

# Triad

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



8AC6A3



A0B9EE



EDA89A

# Complementary

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



8AC6A3



C68AAD

# 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.



EEA5B4



8AC6A3



C5B0E4

# Square

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



8AC6A3



7CC1E9



E0A8CF



DEB089

# Rectangle

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



8AC6A3



68C7D0



E0A8CF



EFA7A2



# Sweetspot

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



8AC6A3



E8FFF2



ADC68A



718077



000000



808080

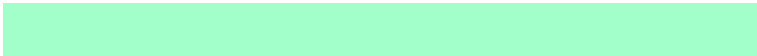


# Same Dimension

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



8AC6A3



A3FFC9



8AC6C1



5A635E



00A344



00240F



# Inverse Universe

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



C68AAD



FFA3D9



C68A8F



635A5F



A3005F

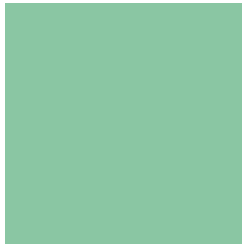


240015



# Previews

## White Background



This preview shows how the Hex color 8AC6A3 looks on a white background.

## Color Contrast Check

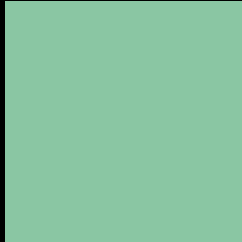
Large Text (above 18pt) WCAG AA × Fail

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 8AC6A3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

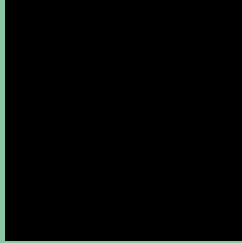
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8AC6A3 Background



This preview shows how black text looks on a background with the Hex color 8AC6A3.

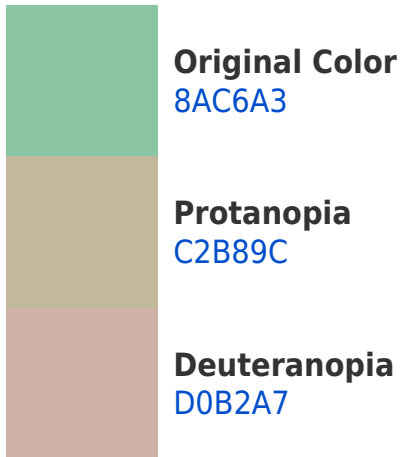


This preview shows how white text looks on a background with the Hex color 8AC6A3.

# 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](#).

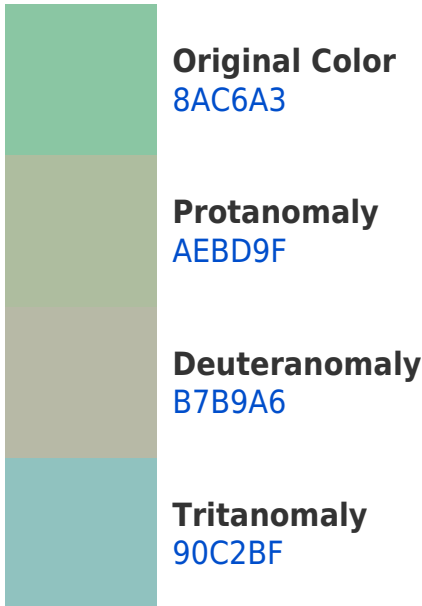
## Dichromacy



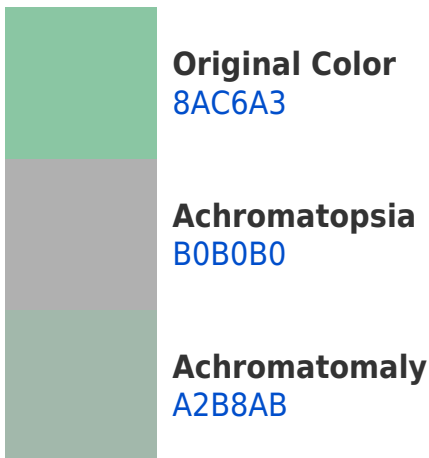


**Tritanopia**  
93C0CF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AC6A3 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 #8AC6A3 looks like.

```
.text, #text, p{  
    color:#8AC6A3  
}
```

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 #8AC6A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AC6A3
}
```

## Border

The CSS property to change the border of an element to Hex 8AC6A3 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
#8AC6A3 }
```

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

```
.border{ border-color:#8AC6A3 }
```

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

Here you see how a box with a 4 pixel #8AC6A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AC6A3; -webkit-box-shadow:4px 4px  
4px 4px #8AC6A3; box-shadow:4px 4px 4px  
4px #8AC6A3 }
```

# Background

The CSS property to change the background color of an element to Hex 8AC6A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AC6A3 }
```

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

```
.background{ background-color:#8AC6A3 }
```

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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