

# Converting Colors

Hex(8AC5C3)

Have a look what the booklet for  
Hex(8AC5C3) contains.

<b>Hex(8AC5C3)</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(8AC5C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AC5C3
RGB	138, 197, 195
RGB Percent	54%, 77%, 76%
CMY	0.4588, 0.2275, 0.2353
CMYK	0.30, 0.00, 0.01, 0.23
HSL	178°, 34%, 66%
HSV	178°, 30%, 77%
XYZ	40.2978, 49.2759, 59.0170
YIQ	179.1310, -34.5220, -13.1300

# Conversions

## Conversions Part 2

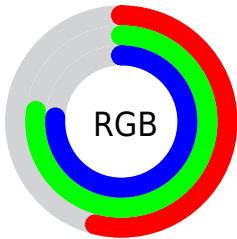
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 168, 197
Decimal	9094595
CIELab	75.62, -19.30, -5.10
CIELCh	76, 19.965, 194.794
Yxy	49.2759, 0.2712, 0.3316
Android (android.graphics.Color)	4287284675 (0xFF8AC5C3)
YUV	179.1310, 7.8234, -36.0719
Hunter-Lab	70.1968, -20.3731, -0.7095

# Details

The Hex color **8AC5C3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C58A8C**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **C1FEFC**, and **558F8D** is the 20% darker color. If you saturate the color by 10%, you get **76C5C2**, and if you desaturate by 10%, it is **9EC5C4**.

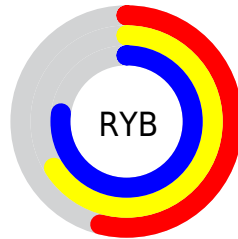
# Distribution



Red (54%)

Green (77%)

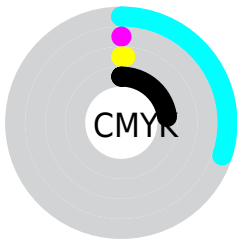
Blue (76%)



Red (54%)

Yellow (66%)

Blue (77%)

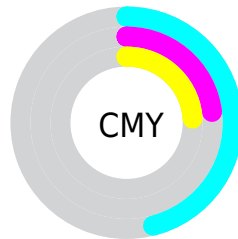


Cyan (30%)

Magenta (0%)

Yellow (1%)

Black (23%)



Cyan (46%)

Magenta (23%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AC5C3 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 8AC5C3 by changing the saturation by 10% instead.





8AC5C3



8AC5C3

FFFFFF



6FAAA8



C1FEFC



558F8D



DEFFFF



3B7574



FBFFFF



205C5B



004544



002E2E



001B19



000000



8AC5C3



8AC5C3

 76C5C2

 9EC5C4

 63C5C2

 B1C5C4

 4FC5C1

 C5C5C5

 3BC5C0

 D9C5C6

 28C5C0

 EDC5C6

 14C5BF

 FFC5C7

 00C5BE

 FFC5C8

 FFC5C9

# Harmonies

## Analogous

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



96C4B0



8AC5C3



8BC3D4

# Triad

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



8AC5C3



C9B3D5



D1B697

# Complementary

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



8AC5C3



C58A8C

# 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.



DEB0A1



8AC5C3



DAAEC4

# Square

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



8AC5C3



B1B9DE



E1AEB2



BFBC97

# Rectangle

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



8AC5C3



94C0DB



E1AEB2



D6B49A



# Sweetspot

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



8AC5C3



E8FFFE



8DC58A



71807F



000000



808080



# Same Dimension

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



8AC5C3



A3FFFC



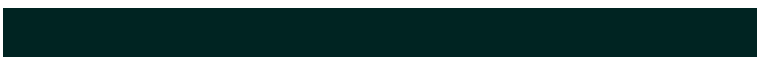
8AAAC5



5A6363



00A39E



002422



# Inverse Universe

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



C58A8C



FFA3A6



C5A58A



635A5A



A30006

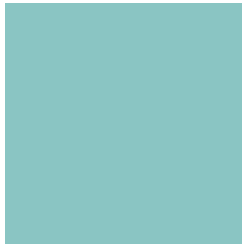


240001



# Previews

## White Background



This preview shows how the Hex color 8AC5C3 looks on a white background.

## Color Contrast Check

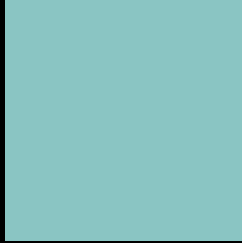
Large Text (above 18pt) WCAG AA × Fail

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 8AC5C3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

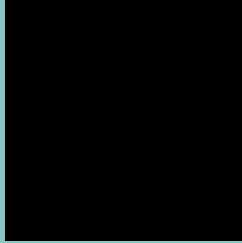
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

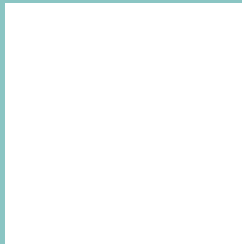
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8AC5C3 Background



This preview shows how black text looks on a background with the Hex color 8AC5C3.



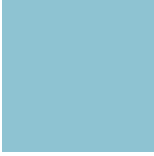
This preview shows how white text looks on a background with the Hex color 8AC5C3.

# 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](#).

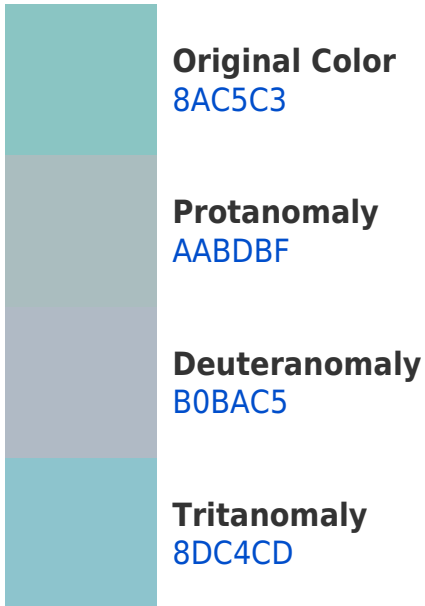
## Dichromacy



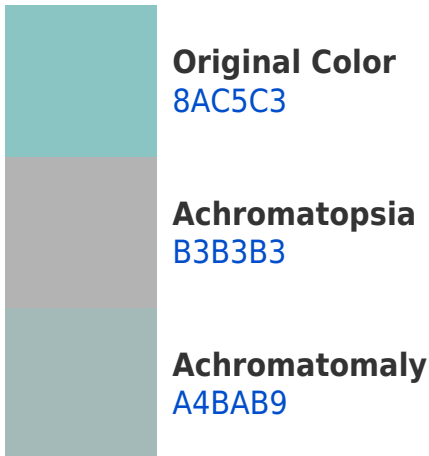


**Tritanopia**  
8EC3D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AC5C3 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 #8AC5C3 looks like.

```
.text, #text, p{  
    color:#8AC5C3  
}
```

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 #8AC5C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AC5C3  
}
```

## Border

The CSS property to change the border of an element to Hex 8AC5C3 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  
#8AC5C3 }
```

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

```
.border{ border-color:#8AC5C3 }
```

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

Here you see how a box with a 4 pixel #8AC5C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AC5C3; -webkit-box-shadow:4px 4px  
4px 4px #8AC5C3; box-shadow:4px 4px 4px  
4px #8AC5C3 }
```

# Background

The CSS property to change the background color of an element to Hex 8AC5C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AC5C3 }
```

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

```
.background{ background-color:#8AC5C3 }
```

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