

# Converting Colors

Hex(8AC6C6)

Have a look what the booklet for  
Hex(8AC6C6) contains.

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# **Color**

**Hex(8AC6C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AC6C6
RGB	138, 198, 198
RGB Percent	54%, 78%, 78%
CMY	0.4588, 0.2235, 0.2235
CMYK	0.30, 0.00, 0.00, 0.22
HSL	180°, 34%, 66%
HSV	180°, 30%, 78%
XYZ	40.8684, 49.8687, 60.8977
YIQ	180.0600, -35.7600, -12.7200

# Conversions

## Conversions Part 2

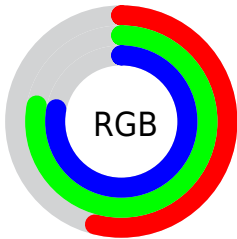
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 168, 198
Decimal	9094854
CIELab	75.99, -19.12, -6.18
CIELCh	76, 20.091, 197.919
Yxy	49.8687, 0.2695, 0.3289
Android (android.graphics.Color)	4287284934 (0xFF8AC6C6)
YUV	180.0600, 8.8444, -36.8866
Hunter-Lab	70.6177, -20.2784, -1.6967

# Details

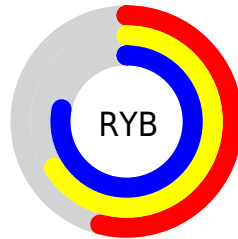
The Hex color **8AC6C6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C68A8A**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **C1FFFF**, and **559090** is the 20% darker color. If you saturate the color by 10%, you get **76C6C6**, and if you desaturate by 10%, it is **9EC6C6**.

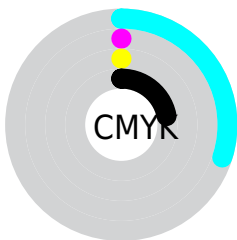
# Distribution



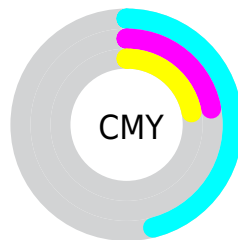
- Red (54%)
- Green (78%)
- Blue (78%)



- Red (54%)
- Yellow (66%)
- Blue (78%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AC6C6 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 8AC6C6 by changing the saturation by 10% instead.



 8AC6C6

 8AC6C6

FFFFFF

 6FABAB

 C1FFFF

 559090

 DEFFFF

 3B7677

 FBFFFF

 205D5E

 004646

 002F30

 001C1B

 000000

 8AC6C6

 8AC6C6

 76C6C6

 9EC6C6

 62C6C6

 B2C6C6

 4FC6C6

 C5C6C6

 3BC6C6

 D9C6C6

 27C6C6

 EDC6C6

 13C6C6

 FFC6C6

 00C6C6

# Harmonies

## Analogous

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



95C6B3



8AC6C6



8CC4D6

# Triad

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



8AC6C6



CCB3D4



D1B897

# Complementary

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



8AC6C6



C68A8A

# 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.



DEB2A1



8AC6C6



DCAFC4

# Square

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



8AC6C6



B5B9DE



E2AFB1



BEBE98

# Rectangle

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



8AC6C6



96C1DD



E2AFB1



D6B699



# Sweetspot

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



8AC6C6



E8FFFF



8AC68A



718080



000000



808080



# Same Dimension

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



8AC6C6



A3FFFF



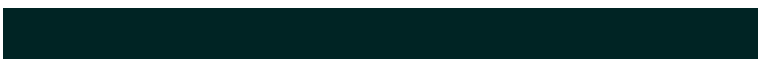
8AA8C6



5A6363



00A3A3



002424



# Inverse Universe

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



C68AC6



FFA3FF



C6A88A



635A63



A300A3

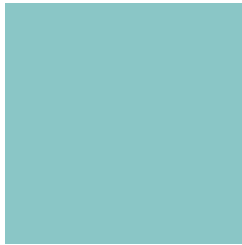


240024



# Previews

## White Background



This preview shows how the Hex color 8AC6C6 looks on a white background.

## Color Contrast Check

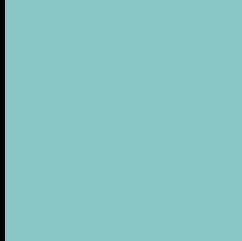
Large Text (above 18pt) WCAG AA × Fail

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 8AC6C6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

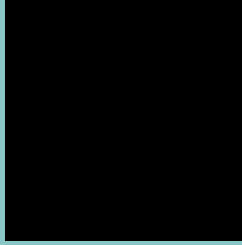
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

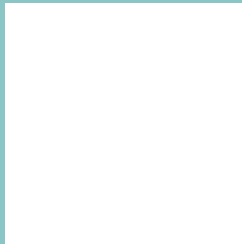
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8AC6C6 Background



This preview shows how black text looks on a background with the Hex color 8AC6C6.

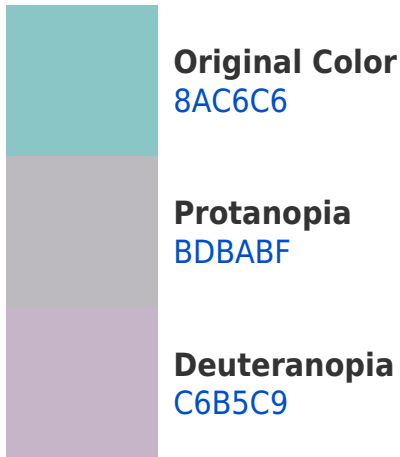


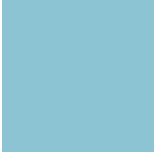
This preview shows how white text looks on a background with the Hex color 8AC6C6.

# 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](#).

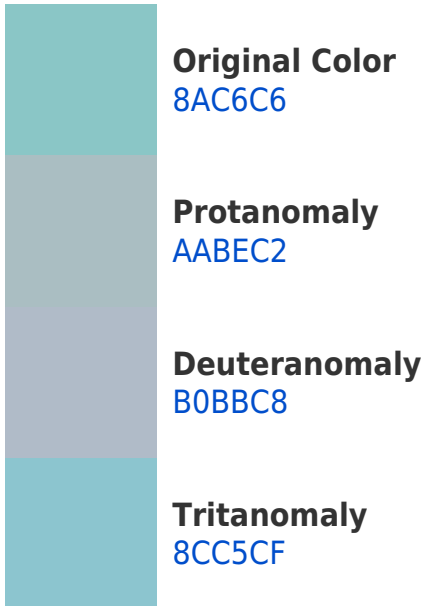
## Dichromacy



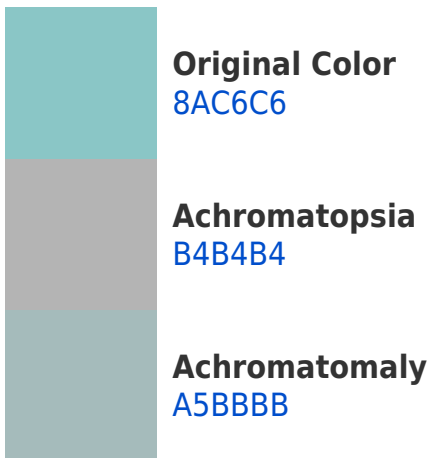


**Tritanopia**  
8DC4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AC6C6 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 #8AC6C6 looks like.

```
.text, #text, p{  
    color:#8AC6C6  
}
```

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 #8AC6C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AC6C6  
}
```

## Border

The CSS property to change the border of an element to Hex 8AC6C6 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  
#8AC6C6 }
```

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

```
.border{ border-color:#8AC6C6 }
```

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

Here you see how a box with a 4 pixel #8AC6C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AC6C6; -webkit-box-shadow:4px 4px  
4px 4px #8AC6C6; box-shadow:4px 4px 4px  
4px #8AC6C6 }
```

# Background

The CSS property to change the background color of an element to Hex 8AC6C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AC6C6 }
```

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

```
.background{ background-color:#8AC6C6 }
```

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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