

# Converting Colors

Hex(8ABCC7)

Have a look what the booklet for  
Hex(8ABCC7) contains.

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# **Color**

**Hex(8ABC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8ABCC7
RGB	138, 188, 199
RGB Percent	54%, 74%, 78%
CMY	0.4588, 0.2627, 0.2196
CMYK	0.31, 0.06, 0.00, 0.22
HSL	191°, 35%, 66%
HSV	191°, 31%, 78%
XYZ	38.7733, 45.4932, 60.7703
YIQ	174.3040, -33.3310, -7.1790

# Conversions

## Conversions Part 2

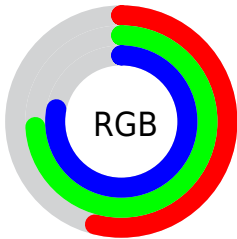
Format	Color
<a href="#">RYB</a>	<a href="#">138, 165, 199</a>
Decimal	<a href="#">9092295</a>
CIELab	<a href="#">73.22, -13.73, -10.85</a>
CIElCh	<a href="#">73, 17.494, 218.320</a>
Yxy	<a href="#">45.4932, 0.2673, 0.3137</a>
Android (android.graphics.Color)	<a href="#">4287282375 (0xFF8ABCC7)</a>
YUV	<a href="#">174.3040, 12.1751, -31.8386</a>
Hunter-Lab	<a href="#">67.4487, -15.4234, -6.2054</a>

# Details

The Hex color **8ABCC7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C7958A**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **C1F4FF**, and **558791** is the 20% darker color. If you saturate the color by 10%, you get **76B8C7**, and if you desaturate by 10%, it is **9EC0C7**.

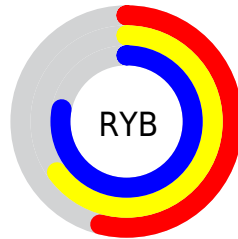
# Distribution



Red (54%)

Green (74%)

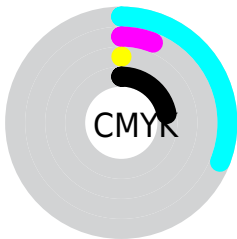
Blue (78%)



Red (54%)

Yellow (65%)

Blue (78%)

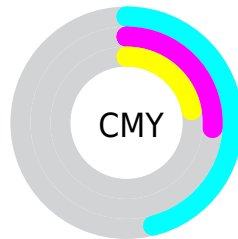


Cyan (31%)

Magenta (6%)

Yellow (0%)

Black (22%)



Cyan (46%)

Magenta (26%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8ABCC7 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 8ABCC7 by changing the saturation by 10% instead.



 8ABCC7

 8ABCC7

FFFFFF

 6FA1AC

 C1F4FF

 558791

 DDFFFF

 3C6D77

 FAFFFF

 21555F

 003E47

 002831

 00141C

 000000

 8ABCC7

 8ABCC7

76B8C7

9EC0C7

62B5C7

B2C3C7

4EB1C7

C6C7C7

3AAEC7

DACAC7

26AAC7

EECEC7

13A6C7

FFD2C7

00A3C7

FFD5C7

FFD9C7

FFDCC7

# Harmonies

## Analogous

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



8CBDB8



8ABCC7



95B9D1

# Triad

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



8ABCC7



CDAAC0



BCB494

# Complementary

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



8ABCC7



C7958A

# 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.



CBAF96



8ABCC7



D5A9B0

# Square

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



8ABCC7



BCAECD



D4AAA1



AAB99A

# Rectangle

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



8ABCC7



A1B5D3



D4AAA1



C1B294

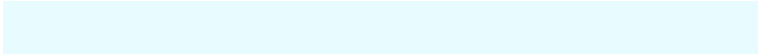


# Sweetspot

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



8ABCC7



E8FBFF



8AC794



717D80



000000



808080

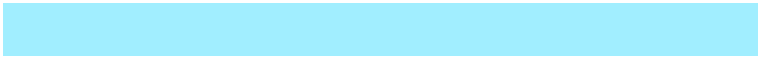


# Same Dimension

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



8ABCC7



A1EEFF



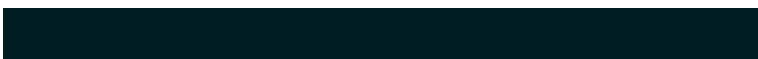
8A9EC7



5A6263



0086A3



001D24



# Inverse Universe

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



C78ABC



FFA1EE



C7B38A



635A62



A30086



24001D



# Previews

## White Background



This preview shows how the Hex color 8ABCC7 looks on a white background.

## Color Contrast Check

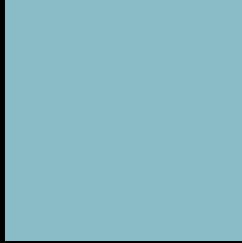
Large Text (above 18pt) WCAG AA × Fail

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 8ABCC7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

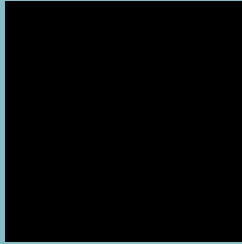
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8ABCC7 Background



This preview shows how black text looks on a background with the Hex color 8ABCC7.

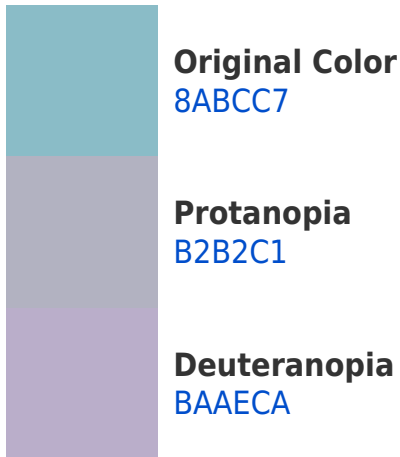


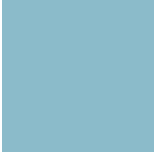
This preview shows how white text looks on a background with the Hex color 8ABCC7.

# 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](#).

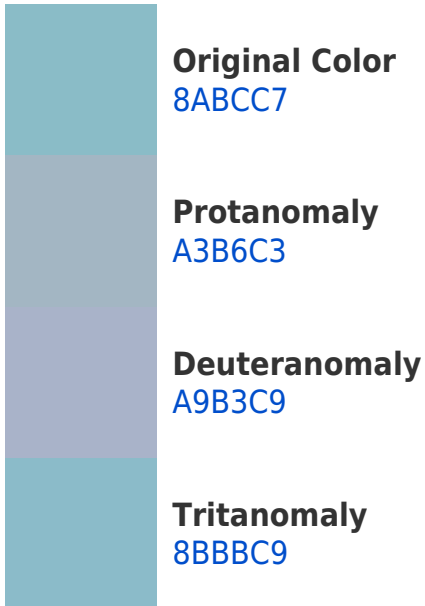
## Dichromacy



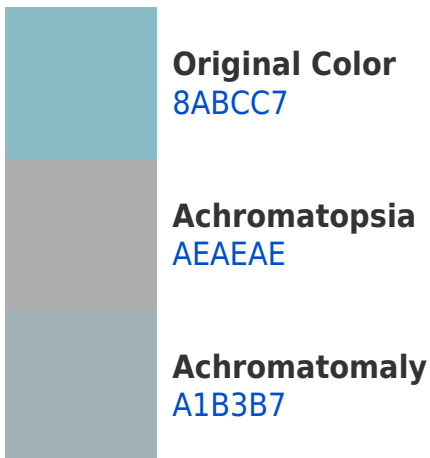


**Tritanopia**  
8BBBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8ABCC7 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 #8ABCC7 looks like.

```
.text, #text, p{  
    color:#8ABCC7  
}
```

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 #8ABCC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8ABCC7
}
```

## Border

The CSS property to change the border of an element to Hex 8ABCC7 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
#8ABCC7 }
```

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

```
.border{ border-color:#8ABCC7 }
```

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

Here you see how a box with a 4 pixel #8ABCC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8ABCC7; -webkit-box-shadow:4px 4px  
4px 4px #8ABCC7; box-shadow:4px 4px 4px  
4px #8ABCC7 }
```

# Background

The CSS property to change the background color of an element to Hex 8ABCC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8ABCC7 }
```

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

```
.background{ background-color:#8ABCC7 }
```

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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