

# Converting Colors

Hex(84BAC2)

Have a look what the booklet for  
Hex(84BAC2) contains.

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# **Color**

**Hex(84BAC2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	84BAC2
RGB	132, 186, 194
RGB Percent	52%, 73%, 76%
CMY	0.4824, 0.2706, 0.2392
CMYK	0.32, 0.04, 0.00, 0.24
HSL	188°, 34%, 64%
HSV	188°, 32%, 76%
XYZ	36.8122, 43.9184, 57.5758
YIQ	170.7660, -34.7520, -8.9600

# Conversions

## Conversions Part 2

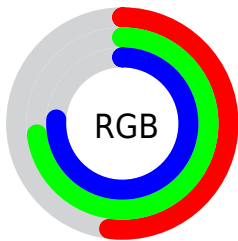
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 161, 194
Decimal	8698562
CIELab	72.17, -15.60, -9.71
CIElCh	72, 18.369, 211.895
Yxy	43.9184, 0.2662, 0.3175
Android (android.graphics.Color)	4286888642 (0xFF84BAC2)
YUV	170.7660, 11.4544, -33.9978
Hunter-Lab	66.2709, -16.8209, -5.1211

# Details

The Hex color **84BAC2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C28C84**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **BBF2FA**, and **4F858C** is the 20% darker color. If you saturate the color by 10%, you get **71B7C2**, and if you desaturate by 10%, it is **97BDC2**.

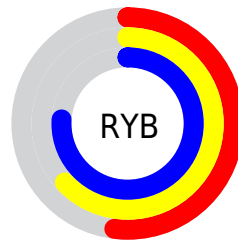
# Distribution



Red (52%)

Green (73%)

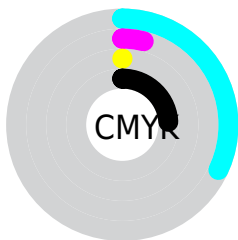
Blue (76%)



Red (52%)

Yellow (63%)

Blue (76%)

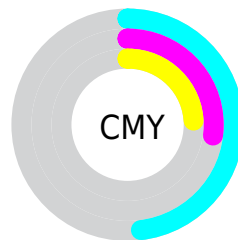


Cyan (32%)

Magenta (4%)

Yellow (0%)

Black (24%)



Cyan (48%)

Magenta (27%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84BAC2 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 84BAC2 by changing the saturation by 10% instead.



■ 84BAC2

■ 84BAC2

FFFFFF

■ 699FA7

■ BBF2FA

■ 4F858C

■ D7FFFF

■ 356B73

■ F4FFFF

■ 1A535A

■ 003C43

■ 00262D

■ 000F19

■ 000000

■ 84BAC2

■ 84BAC2

71B7C2

97BDC2

5DB5C2

ABBFC2

4AB2C2

BEC2C2

36B0C2

D2C4C2

23ADC2

E5C7C2

10ABC2

F8C9C2

00A9C2

FFCCC2

FFCEC2

FFD1C2

# Harmonies

## Analogous

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



89BBB1



84BAC2



8CB7CE

# Triad

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



84BAC2



C8A7C1



BDB090

# Complementary

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



84BAC2



C28C84

# 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.



CCAB94



84BAC2



D2A5B0

# Square

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



84BAC2



B5ACCD



D4A6A0



AAB594

# Rectangle

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



84BAC2



98B4D2



D4A6A0



C3AE90

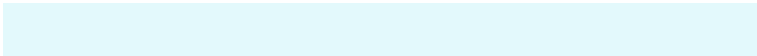


# Sweetspot

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



84BAC2



E3F9FC



84C28B



707E80



000000



808080



# Same Dimension

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



84BAC2



9DF0FC



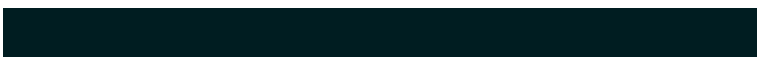
849CC2



576061



008CA1



001D21



# Inverse Universe

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



C284BA



FC9DF0



C2AA84



615760



A1008C

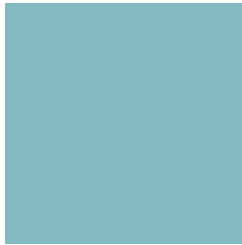


21001D



# Previews

## White Background



This preview shows how the Hex color 84BAC2 looks on a white background.

## Color Contrast Check

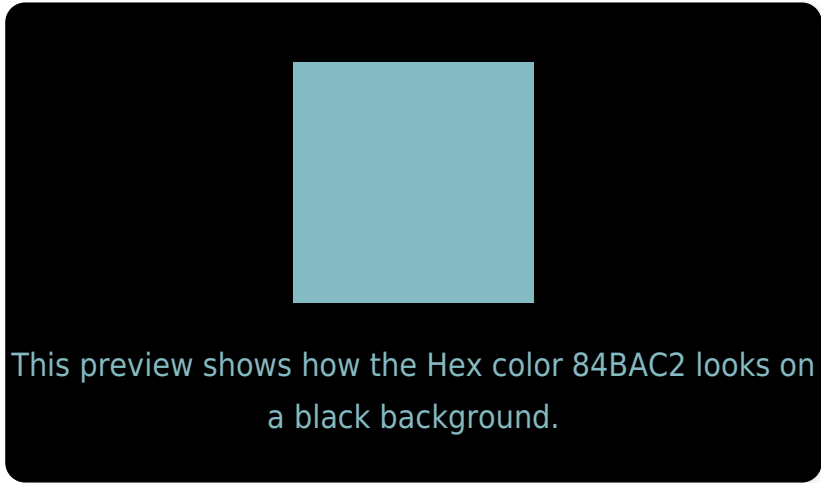
Large Text (above 18pt) WCAG AA × Fail

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

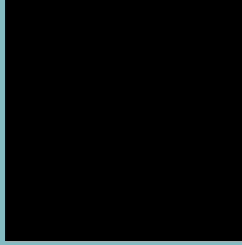
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

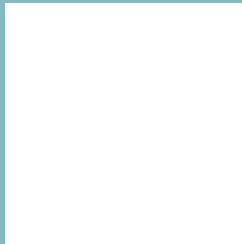
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84BAC2 Background



This preview shows how black text looks on a background with the Hex color 84BAC2.

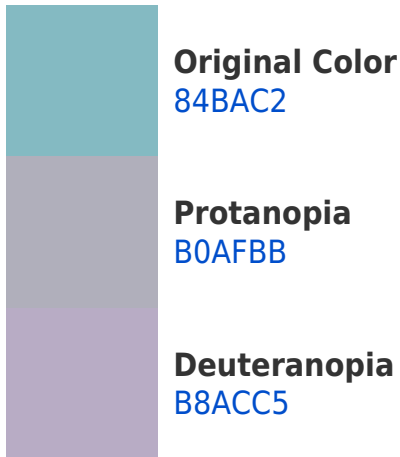


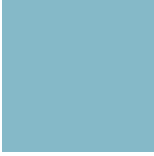
This preview shows how white text looks on a background with the Hex color 84BAC2.

# 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](#).

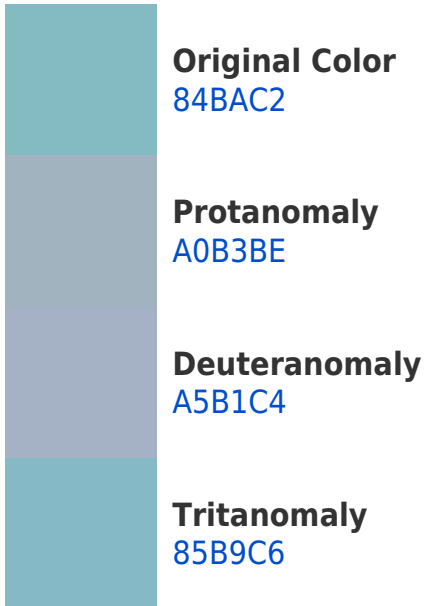
## Dichromacy



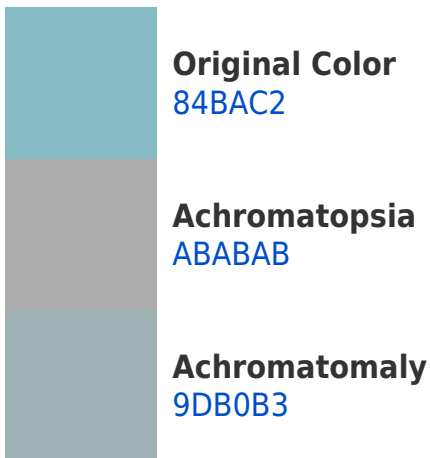


**Tritanopia**  
85B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84BAC2 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 #84BAC2 looks like.

```
.text, #text, p{  
    color:#84BAC2  
}
```

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 #84BAC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84BAC2
}
```

## Border

The CSS property to change the border of an element to Hex 84BAC2 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
#84BAC2 }
```

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

```
.border{ border-color:#84BAC2 }
```

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

Here you see how a box with a 4 pixel #84BAC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84BAC2; -webkit-box-shadow:4px 4px  
4px 4px #84BAC2; box-shadow:4px 4px 4px  
4px #84BAC2 }
```

# Background

The CSS property to change the background color of an element to Hex 84BAC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84BAC2 }
```

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

```
.background{ background-color:#84BAC2 }
```

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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