

# Converting Colors

Hex(84A9C1)

Have a look what the booklet for  
Hex(84A9C1) contains.

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# **Color**

**Hex(84A9C1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84A9C1
RGB	132, 169, 193
RGB Percent	52%, 66%, 76%
CMY	0.4824, 0.3373, 0.2431
CMYK	0.32, 0.12, 0.00, 0.24
HSL	204°, 33%, 64%
HSV	204°, 32%, 76%
XYZ	33.3293, 37.1317, 55.8626
YIQ	160.6730, -29.7560, -0.3800

# Conversions

## Conversions Part 2

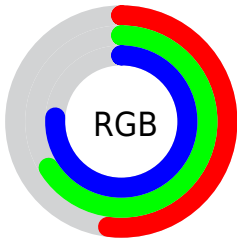
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 155, 193
Decimal	8694209
CIE <sub>Lab</sub>	67.38, -6.79, -16.36
CIE <sub>LCh</sub>	67, 17.712, 247.453
Yxy	37.1317, 0.2638, 0.2939
Android (android.graphics.Color)	4286884289 (0xFF84A9C1)
YUV	160.6730, 15.9372, -25.1462
Hunter-Lab	60.9358, -9.0057, -11.6987

# Details

The Hex color **84A9C1** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C19C84**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **BAE0F9**, and **50758B** is the 20% darker color. If you saturate the color by 10%, you get **71A1C1**, and if you desaturate by 10%, it is **97B1C1**.

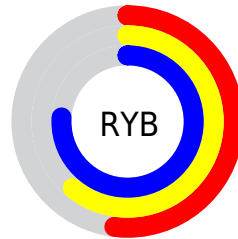
# Distribution



Red (52%)

Green (66%)

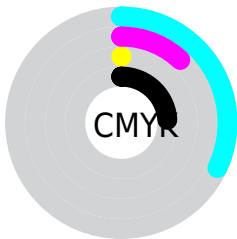
Blue (76%)



Red (52%)

Yellow (61%)

Blue (76%)

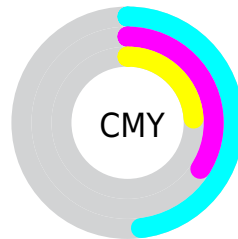


Cyan (32%)

Magenta (12%)

Yellow (0%)

Black (24%)



Cyan (48%)

Magenta (34%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84A9C1 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 84A9C1 by changing the saturation by 10% instead.





84A9C1



84A9C1

FFFFFF



6A8FA6



BAE0F9



50758B



D7FDFF



375C72



F3FFFF



1D4559



002F42



001A2C



000117



000000



84A9C1



84A9C1

71A1C1

97B1C1

5D9AC1

ABB8C1

4A92C1

BEC0C1

378BC1

D1C7C1

2483C1

E5CFC1

107BC1

F8D7C1

0075C1

FFDEC1

FFE6C1

FFEDC1

# Harmonies

## Analogous

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



7AACB7



84A9C1



97A4C3

# Triad

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



84A9C1



C599A1



9AA98A

# Complementary

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



84A9C1



C19C84

# 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.



ACA484



84A9C1



C49B91

# Square

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



84A9C1



BC9AB1



BB9F87



89AC97

# Rectangle

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



84A9C1



A5A0C0



BB9F87



A1A888

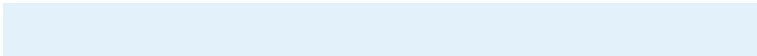


# Sweetspot

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



84A9C1



E3F1FA



84C19B



6F787D



FCFCFC



7D7D7D

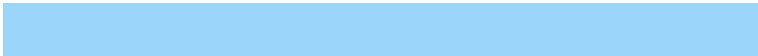


# Same Dimension

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



84A9C1



9BD5FA



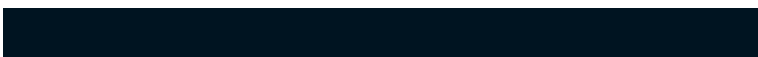
848BC1



575D61



0061A1



001421



# Inverse Universe

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



C184A9



FA9BD5



C1BA84



61575D



A10061

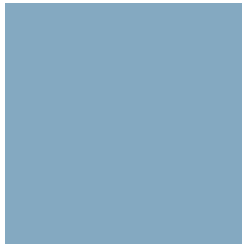


210014



# Previews

## White Background



This preview shows how the Hex color 84A9C1 looks on a white background.

## Color Contrast Check

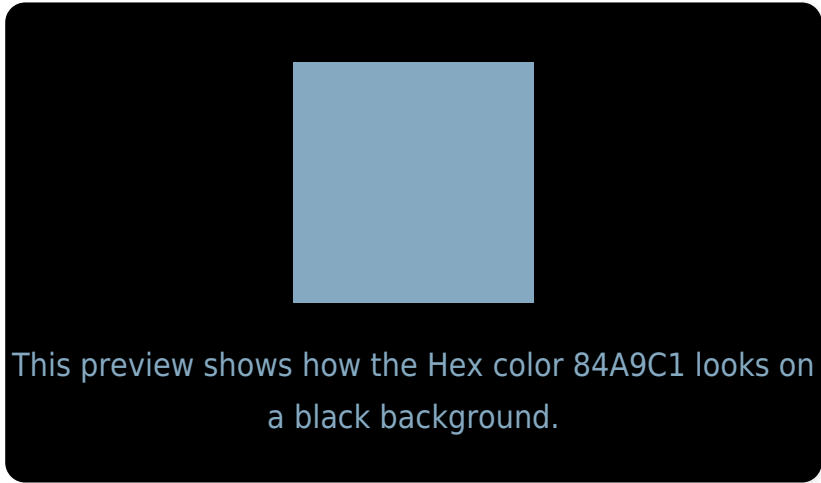
Large Text (above 18pt) WCAG AA × Fail

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

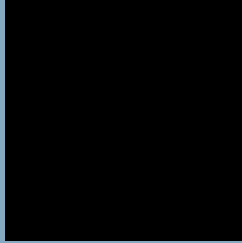
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

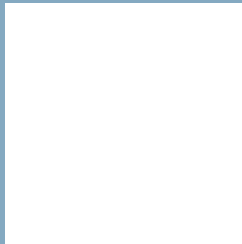
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84A9C1 Background



This preview shows how black text looks on a background with the Hex color 84A9C1.

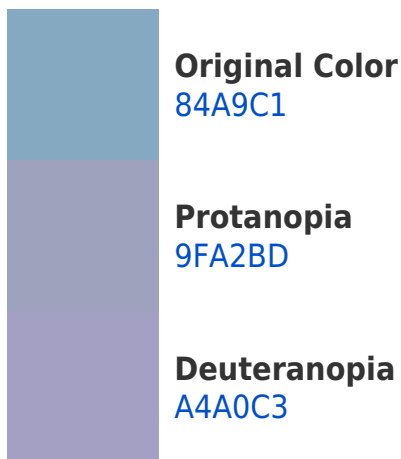


This preview shows how white text looks on a background with the Hex color 84A9C1.

# 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](#).

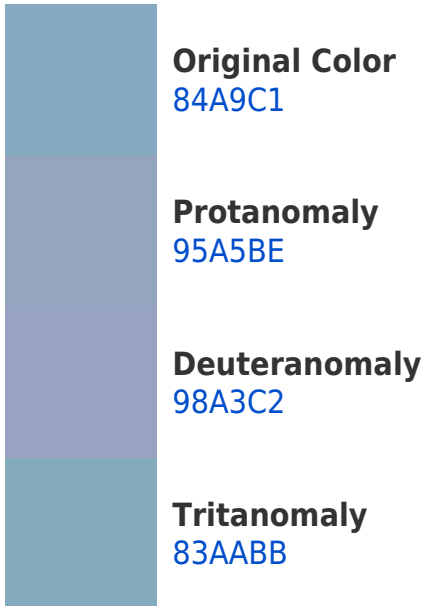
## Dichromacy



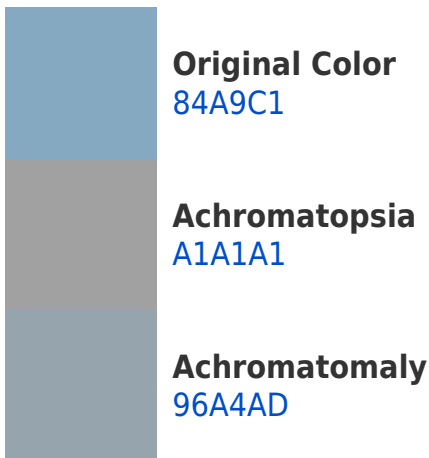


**Tritanopia**  
82AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84A9C1 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 #84A9C1 looks like.

```
.text, #text, p{  
    color:#84A9C1  
}
```

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 #84A9C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A9C1
}
```

## Border

The CSS property to change the border of an element to Hex 84A9C1 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
#84A9C1 }
```

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

```
.border{ border-color:#84A9C1 }
```

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

Here you see how a box with a 4 pixel #84A9C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A9C1; -webkit-box-shadow:4px 4px  
4px 4px #84A9C1; box-shadow:4px 4px 4px  
4px #84A9C1 }
```

# Background

The CSS property to change the background color of an element to Hex 84A9C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A9C1 }
```

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

```
.background{ background-color:#84A9C1 }
```

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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