

Converting Colors

Hex(84B7C9)

Have a look what the booklet for
Hex(84B7C9) contains.

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Color

Hex(84B7C9)

Conversions

Conversions Part 1

Format	Color
Hex	84B7C9
RGB	132, 183, 201
RGB Percent	52%, 72%, 79%
CMY	0.4824, 0.2824, 0.2118
CMYK	0.34, 0.09, 0.00, 0.21
HSL	196°, 39%, 65%
HSV	196°, 34%, 79%
XYZ	36.9918, 42.9896, 61.6065
YIQ	169.8030, -36.1740, -5.2140

Conversions

Conversions Part 2

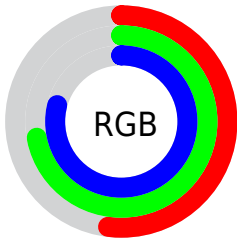
Format	Color
RYB	132, 161, 201
Decimal	8697801
CIELab	71.55, -12.31, -14.47
CIELCh	72, 18.998, 229.629
Yxy	42.9896, 0.2613, 0.3036
Android (android.graphics.Color)	4286887881 (0xFF84B7C9)
YUV	169.8030, 15.3801, -33.1532
Hunter-Lab	65.5664, -14.0336, -9.8126

Details

The Hex color **84B7C9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C99684**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **BBEFFF**, and **4F8293** is the 20% darker color. If you saturate the color by 10%, you get **70B2C9**, and if you desaturate by 10%, it is **98BCC9**.

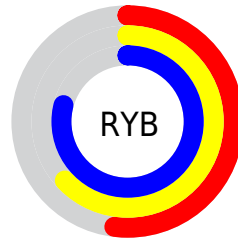
Distribution



Red (52%)

Green (72%)

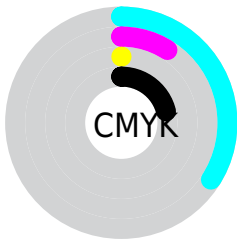
Blue (79%)



Red (52%)

Yellow (63%)

Blue (79%)

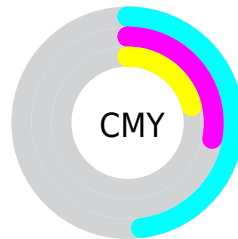


Cyan (34%)

Magenta (9%)

Yellow (0%)

Black (21%)



Cyan (48%)

Magenta (28%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84B7C9 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 84B7C9 by changing the saturation by 10% instead.

■ 84B7C9

■ 84B7C9

FFFFFF

■ 699CAE

■ BBEFFF

■ 4F8293

■ D7FFFF

■ 356979

■ F4FFFF

■ 185160

■ 003A49

■ 002432

■ 000C1D

■ 000000

■ 84B7C9

■ 84B7C9

70B2C9

98BCC9

5CADC9

ACC1C9

48A7C9

C0C7C9

34A2C9

D4CCC9

209DC9

E9D1C9

0B98C9

FDD6C9

0095C9

FFDCC9

FFE1C9

FFE6C9

Harmonies

Analogous

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



81B9BA



84B7C9



94B3D1

Triad

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



84B7C9



CEA4B6



B1B28F

Complementary

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



84B7C9



C99684

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.



C3AC8E



84B7C9



D4A3A4

Square

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



84B7C9



C0A7C6



CFA796



9DB698

Rectangle

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



84B7C9



A3AFD1



CFA796



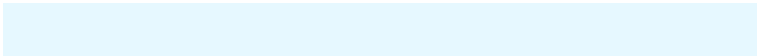
B7B08D

Sweetspot

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



84B7C9



E6F8FF



84C995



707C80



000000



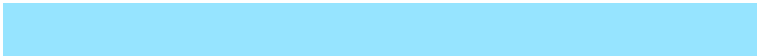
808080

Same Dimension

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



84B7C9



96E4FF



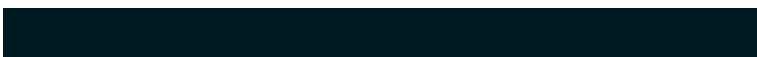
8495C9



5A6163



0079A3



001A24

Inverse Universe

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



C984B7



FF96E4



C9B884



635A61



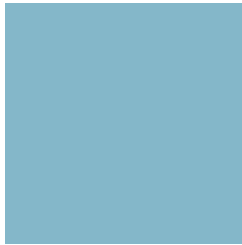
A30079



24001A

Previews

White Background



This preview shows how the Hex color 84B7C9 looks on a white background.

Color Contrast Check

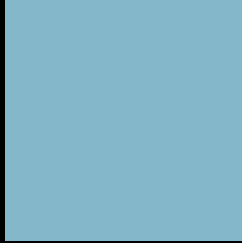
Large Text (above 18pt) WCAG AA × Fail

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 84B7C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

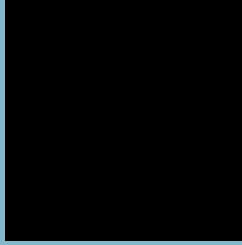
Any Text WCAG AA ✓ Pass

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 84B7C9 Background



This preview shows how black text looks on a background with the Hex color 84B7C9.

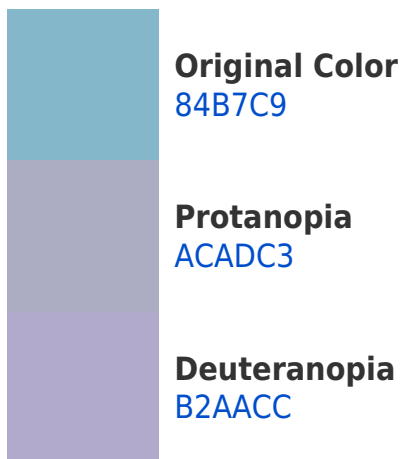


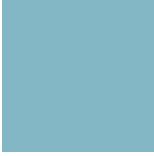
This preview shows how white text looks on a background with the Hex color 84B7C9.

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](#).

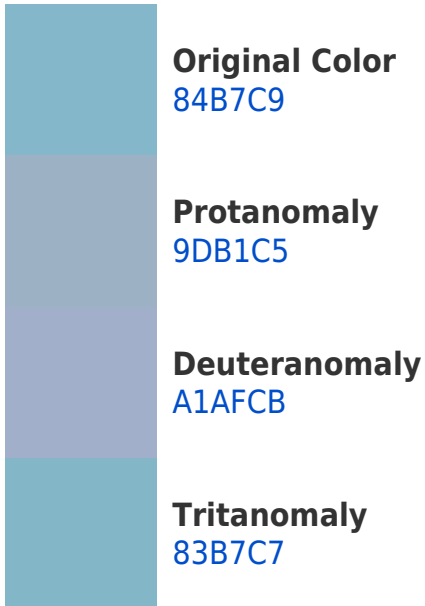
Dichromacy



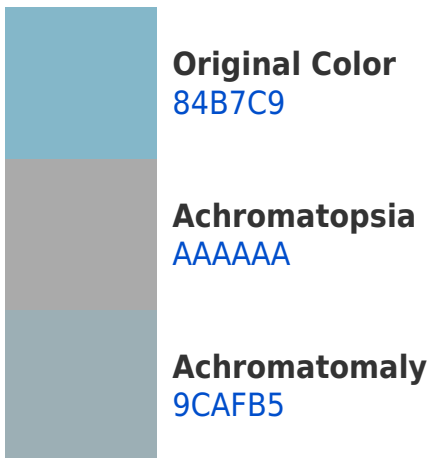


Tritanopia
83B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84B7C9 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 #84B7C9 looks like.

```
.text, #text, p{  
    color:#84B7C9  
}
```

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 #84B7C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84B7C9
}
```

Border

The CSS property to change the border of an element to Hex 84B7C9 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
#84B7C9 }
```

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

```
.border{ border-color:#84B7C9 }
```

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

Here you see how a box with a 4 pixel #84B7C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84B7C9; -webkit-box-shadow:4px 4px  
4px 4px #84B7C9; box-shadow:4px 4px 4px  
4px #84B7C9 }
```

Background

The CSS property to change the background color of an element to Hex 84B7C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84B7C9 }
```

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

```
.background{ background-color:#84B7C9 }
```

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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