

Converting Colors

Hex(84C6BD)

Have a look what the booklet for
Hex(84C6BD) contains.

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Color

Hex(84C6BD)

Conversions

Conversions Part 1

Format	Color
Hex	84C6BD
RGB	132, 198, 189
RGB Percent	52%, 78%, 74%
CMY	0.4824, 0.2235, 0.2588
CMYK	0.33, 0.00, 0.05, 0.22
HSL	172°, 37%, 65%
HSV	172°, 33%, 78%
XYZ	38.8951, 48.9678, 55.5459
YIQ	177.2400, -36.4470, -16.7910

Conversions

Conversions Part 2

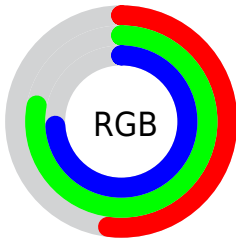
Format	Color
RYB	132, 167, 198
Decimal	8701629
CIELab	75.43, -22.89, -2.17
CIElCh	75, 22.991, 185.406
Yxy	48.9678, 0.2712, 0.3415
Android (android.graphics.Color)	4286891709 (0xFF84C6BD)
YUV	177.2400, 5.7977, -39.6755
Hunter-Lab	69.9770, -23.2447, 1.9211

Details

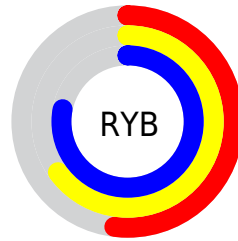
The Hex color **84C6BD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C6848D**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **BBFFF5**, and **4F9088** is the 20% darker color. If you saturate the color by 10%, you get **70C6BA**, and if you desaturate by 10%, it is **98C6C0**.

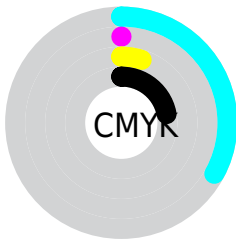
Distribution



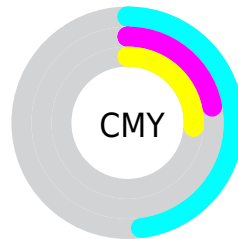
- Red (52%)
- Green (78%)
- Blue (74%)



- Red (52%)
- Yellow (65%)
- Blue (78%)



- Cyan (33%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (48%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84C6BD 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 84C6BD by changing the saturation by 10% instead.

 84C6BD

 84C6BD

FFFFFF

 69ABA2


 BBFF5

 4F9088

 D8FFF

 34766E

 F5FFF

 175D56

 00453F

 002E29

 001C15

 000000

 84C6BD

 84C6BD

 70C6BA

 98C6C0

 5CC6B8

 ACC6C2

 49C6B5

 BFC6C5

 35C6B2

 D3C6C8

 21C6AF

 E7C6CB

 0DC6AD

 FBC6CD

 00C6AB

 FFC6D0

 FFC6D3

 FFC6D5

Harmonies

Analogous

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



97C4A8



84C6BD



7FC5D2

Triad

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



84C6BD



C2B3DC



D9B394

Complementary

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



84C6BD



C6848D

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.



E4ADA2



84C6BD



D9ADCC

Square

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



84C6BD



A6BAE4



E4ABB7



C6BA90

Rectangle

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



84C6BD



86C2DC



E4ABB7



DEB098

Sweetspot

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



84C6BD



E6FFFC



8EC684



70807D



000000



808080

Same Dimension

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



84C6BD



99FFF1



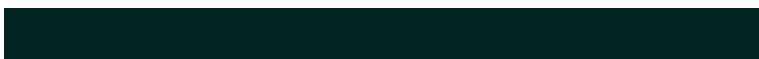
84AFC6



5A6362



00A38D



00241F

Inverse Universe

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



C6848D



FF99A7



C69B84



635A5B



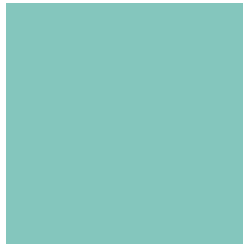
A30016



240005

Previews

White Background



This preview shows how the Hex color 84C6BD looks on a white background.

Color Contrast Check

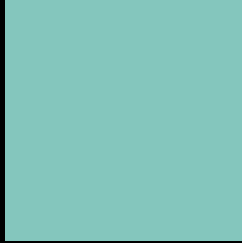
Large Text (above 18pt) WCAG AA × Fail

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 84C6BD 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 84C6BD Background



This preview shows how black text looks on a background with the Hex color 84C6BD.



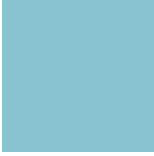
This preview shows how white text looks on a background with the Hex color 84C6BD.

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](#).

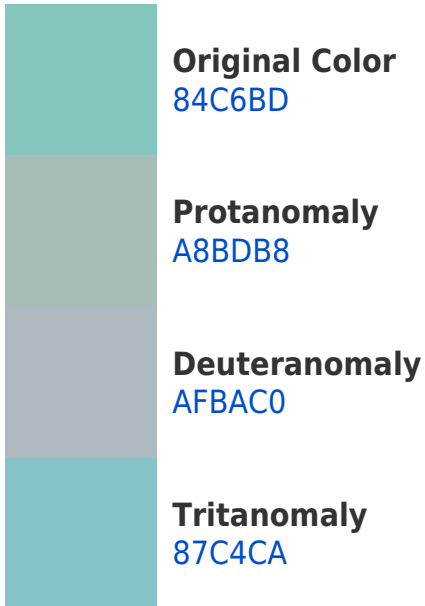
Dichromacy



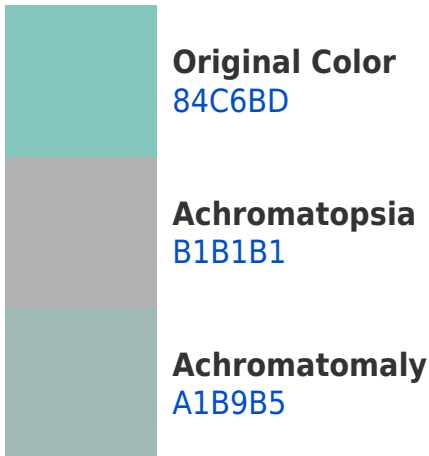


Tritanopia
89C3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84C6BD 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 #84C6BD looks like.

```
.text, #text, p{  
    color:#84C6BD  
}
```

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 #84C6BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84C6BD  
}
```

Border

The CSS property to change the border of an element to Hex 84C6BD 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  
#84C6BD }
```

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

```
.border{ border-color:#84C6BD }
```

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

Here you see how a box with a 4 pixel #84C6BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84C6BD; -webkit-box-shadow:4px 4px  
4px 4px #84C6BD; box-shadow:4px 4px 4px  
4px #84C6BD }
```

Background

The CSS property to change the background color of an element to Hex 84C6BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84C6BD }
```

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

```
.background{ background-color:#84C6BD }
```

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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