

Converting Colors

Hex(84B7D4)

Have a look what the booklet for
Hex(84B7D4) contains.

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Color

Hex(84B7D4)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 84B7D4 |
| RGB | 132, 183, 212 |
| RGB Percent | 52%, 72%, 83% |
| CMY | 0.4824, 0.2824, 0.1686 |
| CMYK | 0.38, 0.14, 0.00, 0.17 |
| HSL | 202°, 48%, 67% |
| HSV | 202°, 38%, 83% |
| XYZ | 38.3329, 43.5260, 68.6684 |
| YIQ | 171.0570, -39.7050, -1.7930 |

Conversions

Conversions Part 2

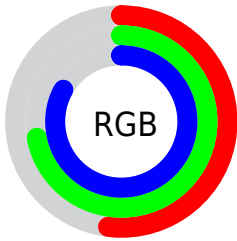
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 132, 163, 212 |
| Decimal | 8697812 |
| CIELab | 71.91, -9.51, -19.94 |
| CIElCh | 72, 22.094, 244.505 |
| Yxy | 43.5260, 0.2547, 0.2892 |
| Android (android.graphics.Color) | 4286887892 (0xFF84B7D4) |
| YUV | 171.0570, 20.1849, -34.2530 |
| Hunter-Lab | 65.9742, -11.7414, -15.5292 |

Details

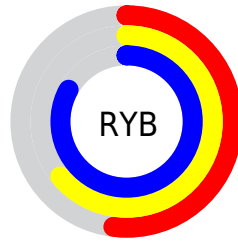
The Hex color **84B7D4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D4A184**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **BBEFFF**, and **4E829D** is the 20% darker color. If you saturate the color by 10%, you get **6FAFD4**, and if you desaturate by 10%, it is **99BFD4**.

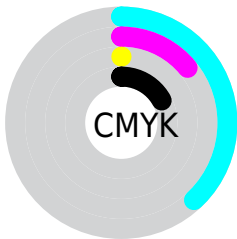
Distribution



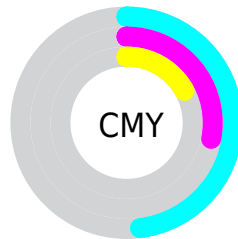
- Red (52%)
- Green (72%)
- Blue (83%)



- Red (52%)
- Yellow (64%)
- Blue (83%)



- Cyan (38%)
- Magenta (14%)
- Yellow (0%)
- Black (17%)



- Cyan (48%)
- Magenta (28%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84B7D4 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 84B7D4 by changing the saturation by 10% instead.

84B7D4

84B7D4

FFFFFF

699CB8

BBEFFF

4E829D

D8FFFF

336983

F5FFFF

14516A

003A52

00243B

000F25

00010E

000000

■ 84B7D4

■ 84B7D4

■ 6FAFD4

■ 99BFD4

■ 5AA8D4

■ AEC6D4

■ 44A0D4

■ C4CED4

■ 2F98D4

■ D9D6D4

■ 1A91D4

■ EEDDD4

■ 0589D4

■ FFE5D4

■ 0087D4

■ FFEDD4

■ FFF4D4

■ FFFCD4

Harmonies

Analogous

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



78BBC6



84B7D4



9DB1D8

Triad

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



84B7D4



D9A2AE



A6B68F

Complementary

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



84B7D4



D4A184

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.



BCB088



84B7D4



D9A49A

Square

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



84B7D4



CDA4C2



CEA98C



8FBA9E

Rectangle

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



84B7D4



AFACD5



CEA98C



AEB48B

Sweetspot

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



84B7D4



E3F5FF



84D4A0



6F7980



000000



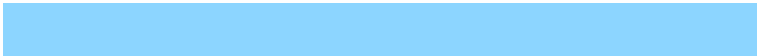
808080

Same Dimension

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



84B7D4



8CD5FF



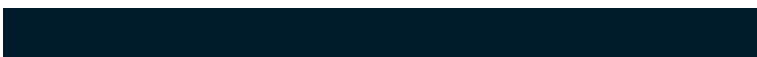
8490D4



60676B



006DAB



001C2B

Inverse Universe

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



D484B7



FF8CD5



D4C884



6B6067



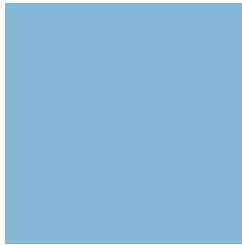
AB006D



2B001C

Previews

White Background



This preview shows how the Hex color 84B7D4 looks on a white background.

Color Contrast Check

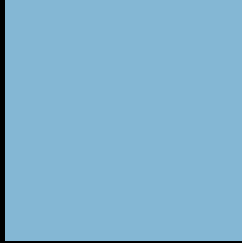
Large Text (above 18pt) WCAG AA × Fail

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 84B7D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

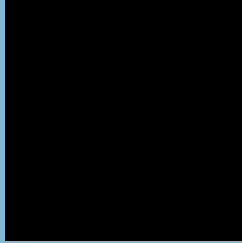
Any Text WCAG AA ✓ Pass

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 84B7D4 Background



This preview shows how black text looks on a background with the Hex color 84B7D4.

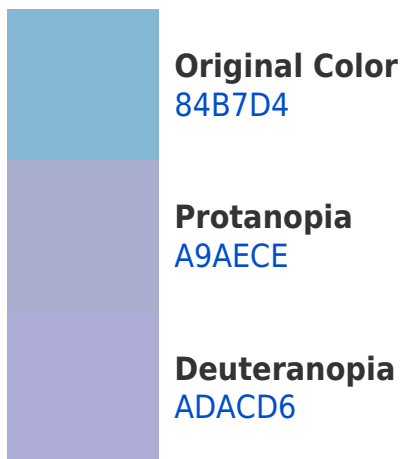


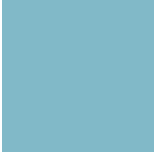
This preview shows how white text looks on a background with the Hex color 84B7D4.

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](#).

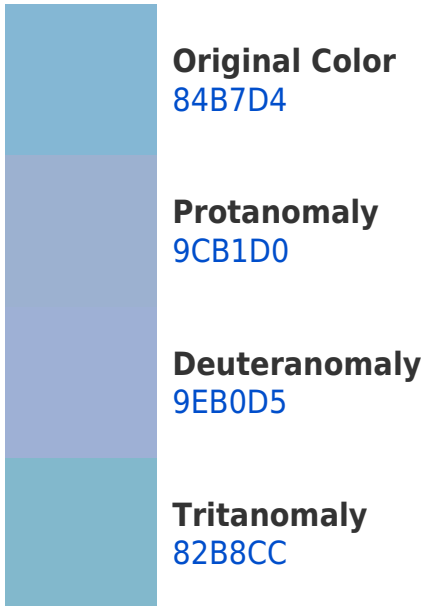
Dichromacy



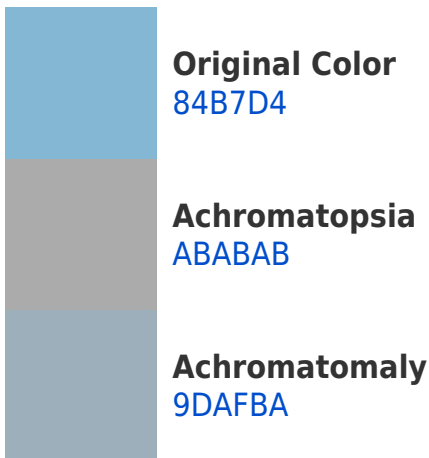


Tritanopia
81B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84B7D4 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 #84B7D4 looks like.

```
.text, #text, p{  
    color:#84B7D4  
}
```

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 #84B7D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84B7D4
}
```

Border

The CSS property to change the border of an element to Hex 84B7D4 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
#84B7D4 }
```

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

```
.border{ border-color:#84B7D4 }
```

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

Here you see how a box with a 4 pixel #84B7D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84B7D4; -webkit-box-shadow:4px 4px  
4px 4px #84B7D4; box-shadow:4px 4px 4px  
4px #84B7D4 }
```

Background

The CSS property to change the background color of an element to Hex 84B7D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84B7D4 }
```

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

```
.background{ background-color:#84B7D4 }
```

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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