

Converting Colors

Hex(84A7D8)

Have a look what the booklet for
Hex(84A7D8) contains.

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Color

Hex(84A7D8)

Conversions

Conversions Part 1

Format	Color
Hex	84A7D8
RGB	132, 167, 216
RGB Percent	52%, 65%, 85%
CMY	0.4824, 0.3451, 0.1529
CMYK	0.39, 0.23, 0.00, 0.15
HSL	215°, 52%, 68%
HSV	215°, 39%, 85%
XYZ	35.7291, 37.5008, 70.3210
YIQ	162.1210, -36.5890, 7.8190

Conversions

Conversions Part 2

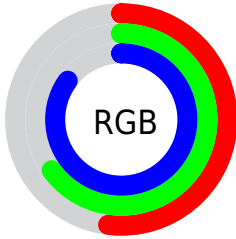
Format	Color
RYB	132, 157, 216
Decimal	8693720
CIELab	67.65, 0.29, -28.65
CIElCh	68, 28.653, 270.577
Yxy	37.5008, 0.2489, 0.2612
Android (android.graphics.Color)	4286883800 (0xFF84A7D8)
YUV	162.1210, 26.5623, -26.4161
Hunter-Lab	61.2379, -3.0210, -25.2176

Details

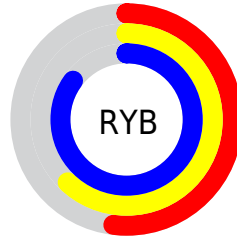
The Hex color **84A7D8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D8B584**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **BCDEFF**, and **4E73A1** is the 20% darker color. If you saturate the color by 10%, you get **6E9AD8**, and if you desaturate by 10%, it is **9AB4D8**.

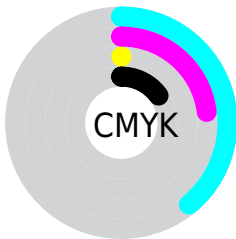
Distribution



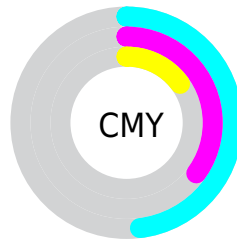
- Red (52%)
- Green (65%)
- Blue (85%)



- Red (52%)
- Yellow (62%)
- Blue (85%)



- Cyan (39%)
- Magenta (23%)
- Yellow (0%)
- Black (15%)



- Cyan (48%)
- Magenta (35%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84A7D8 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 84A7D8 by changing the saturation by 10% instead.

 84A7D8

 84A7D8

FFFFFF

 698DBC

 BCDEFF

 4E73A1

 D8FBFF

 335B87

 F5FFFF

 14446D

 002E55

 00193D

 000327

 000111

 000000

 84A7D8

 84A7D8

 6E9AD8

 9AB4D8

 598ED8

 AFC0D8

 4381D8

 C5CDD8

 2E75D8

 DAD9D8

 1868D8

 F0E6D8

 025BD8

 FFF3D8

 005AD8

 FFFF80

Harmonies

Analogous

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



61AED1



84A7D8



A99ED1

Triad

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



84A7D8



D8948C



7DB18B

Complementary

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



84A7D8



D8B584

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.



9BAB78



84A7D8



CC9B79

Square

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



84A7D8



D692A5



B7A371



61B3A4

Rectangle

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



84A7D8



BE98C6



B7A371



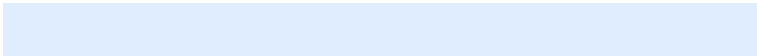
87AF83

Sweetspot

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



84A7D8



E0EDFF



84D8B5



6E7580



000000



808080

Same Dimension

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



84A7D8



87B9FF



8B84D8



60656B



0047AB



00122B

Inverse Universe

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



D884A7



FF87B9



D1D884



6B6065



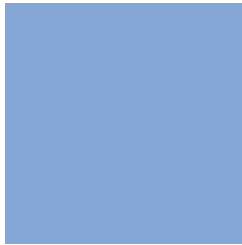
AB0047



2B0012

Previews

White Background



This preview shows how the Hex color 84A7D8 looks on a white background.

Color Contrast Check

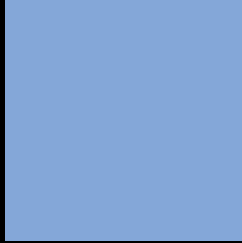
Large Text (above 18pt) WCAG AA × Fail

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 84A7D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

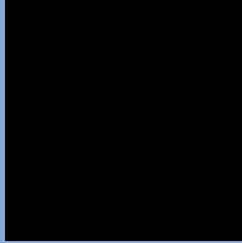
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

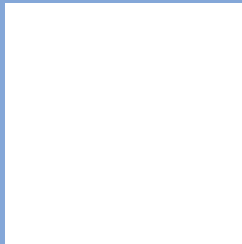
Any Text WCAG AAA ✓ Pass

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

Hex 84A7D8 Background



This preview shows how black text looks on a background with the Hex color 84A7D8.

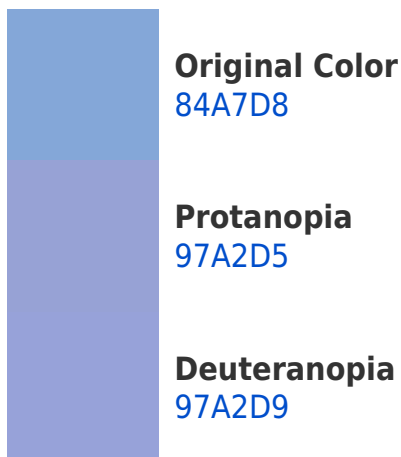


This preview shows how white text looks on a background with the Hex color 84A7D8.

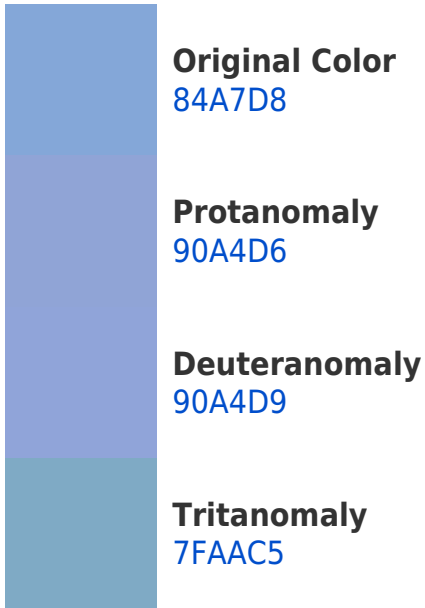
Color Blindness Simulation

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](#).

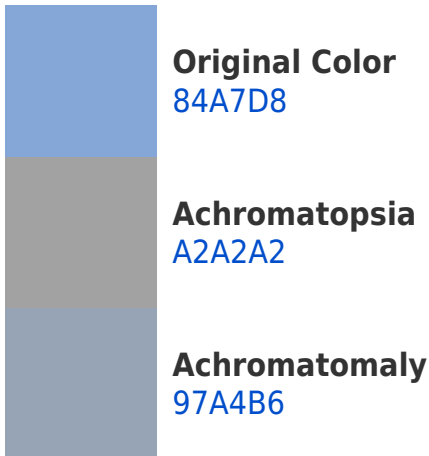
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84A7D8 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 #84A7D8 looks like.

```
.text, #text, p{  
    color:#84A7D8  
}
```

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 #84A7D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A7D8
}
```

Border

The CSS property to change the border of an element to Hex 84A7D8 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
#84A7D8 }
```

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

```
.border{ border-color:#84A7D8 }
```

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

Here you see how a box with a 4 pixel #84A7D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A7D8; -webkit-box-shadow:4px 4px  
4px 4px #84A7D8; box-shadow:4px 4px 4px  
4px #84A7D8 }
```

Background

The CSS property to change the background color of an element to Hex 84A7D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A7D8 }
```

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

```
.background{ background-color:#84A7D8 }
```

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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