

Converting Colors

Hex(84AFC7)

Have a look what the booklet for
Hex(84AFC7) contains.

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Color

Hex(84AFC7)

Conversions

Conversions Part 1

Format	Color
Hex	84AFC7
RGB	132, 175, 199
RGB Percent	52%, 69%, 78%
CMY	0.4824, 0.3137, 0.2196
CMYK	0.34, 0.12, 0.00, 0.22
HSL	201°, 37%, 65%
HSV	201°, 34%, 78%
XYZ	35.1545, 39.6890, 59.8407
YIQ	164.8790, -33.3320, -1.6520

Conversions

Conversions Part 2

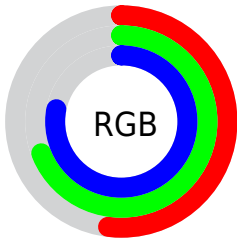
Format	Color
RYB	132, 158, 199
Decimal	8695751
CIELab	69.25, -8.54, -16.84
CIELCh	69, 18.885, 243.124
Yxy	39.6890, 0.2610, 0.2947
Android (android.graphics.Color)	4286885831 (0xFF84AFC7)
YUV	164.8790, 16.8217, -28.8349
Hunter-Lab	62.9992, -10.6430, -12.2180

Details

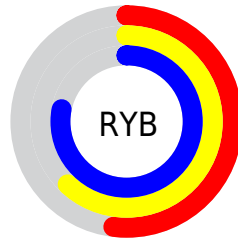
The Hex color **84AFC7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C79C84**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **BBE7FF**, and **507B91** is the 20% darker color. If you saturate the color by 10%, you get **70A8C7**, and if you desaturate by 10%, it is **98B6C7**.

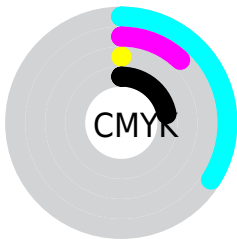
Distribution



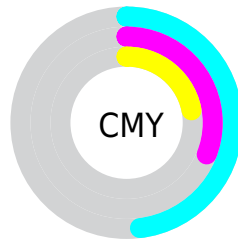
- Red (52%)
- Green (69%)
- Blue (78%)



- Red (52%)
- Yellow (62%)
- Blue (78%)



- Cyan (34%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



- Cyan (48%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84AFC7 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 84AFC7 by changing the saturation by 10% instead.

■ 84AFC7

■ 84AFC7

FFFFFF

■ 6A94AC

■ BBE7FF

■ 507B91

■ D7FFFF

■ 366277

■ F4FFFF

■ 1B4A5F

■ 003347

■ 001E30

■ 00011C

■ 000000

■ 84AFC7

■ 84AFC7

70A8C7

98B6C7

5CA1C7

ACBDC7

489AC7

C0C4C7

3492C7

D4CCC7

218BC7

E8D3C7

0D84C7

FBDAC7

0080C7

FFE1C7

FFE8C7

FFEFC7

Harmonies

Analogous

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



7BB2BB



84AFC7



98AACB

Triad

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



84AFC7



CB9DA8



A2AE8C

Complementary

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



84AFC7



C79C84

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.



B5A887



84AFC7



CC9E97

Square

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



84AFC7



C19FB9



C4A38B



8EB199

Rectangle

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



84AFC7



A7A6C8



C4A38B



A8AC89

Sweetspot

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



84AFC7



E6F6FF



84C79B



707A80



000000



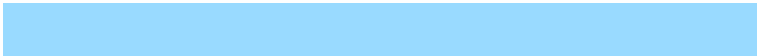
808080

Same Dimension

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



84AFC7



99DAFF



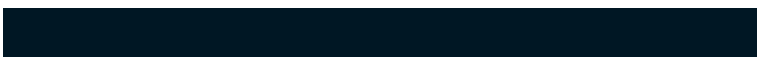
848EC7



5A6063



0069A3



001724

Inverse Universe

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



C784AF



FF99DA



C7BD84



635A60



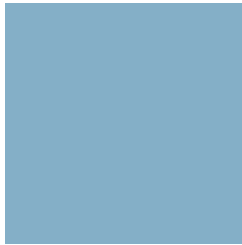
A30069



240017

Previews

White Background



This preview shows how the Hex color 84AFC7 looks on a white background.

Color Contrast Check

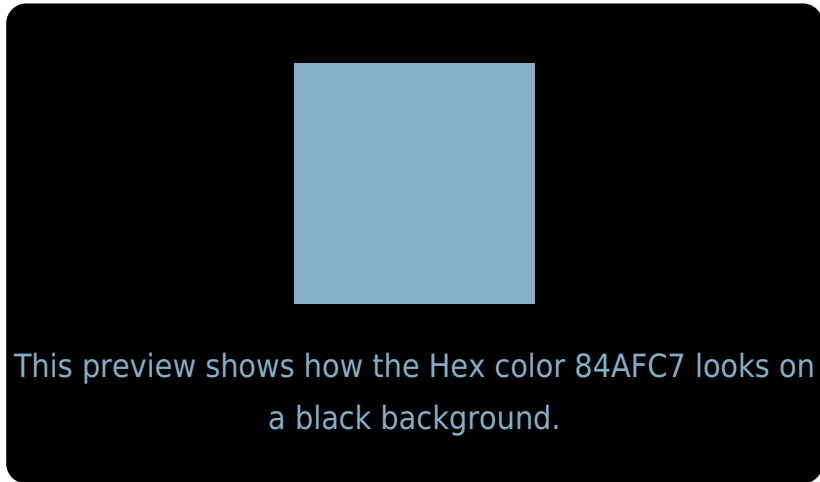
Large Text (above 18pt) WCAG AA × Fail

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

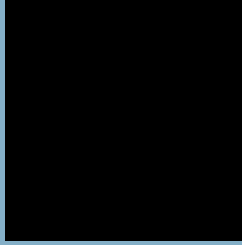
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

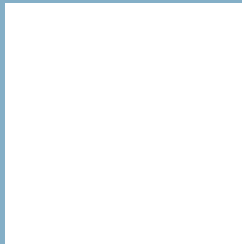
Any Text WCAG AAA ✓ Pass

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

Hex 84AFC7 Background



This preview shows how black text looks on a background with the Hex color 84AFC7.

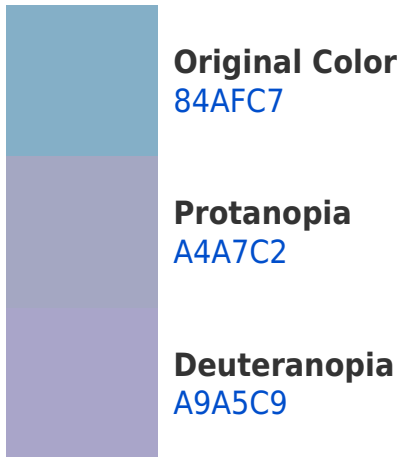


This preview shows how white text looks on a background with the Hex color 84AFC7.

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](#).

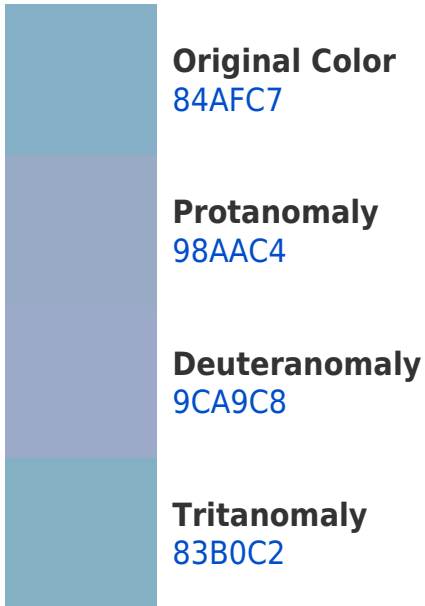
Dichromacy



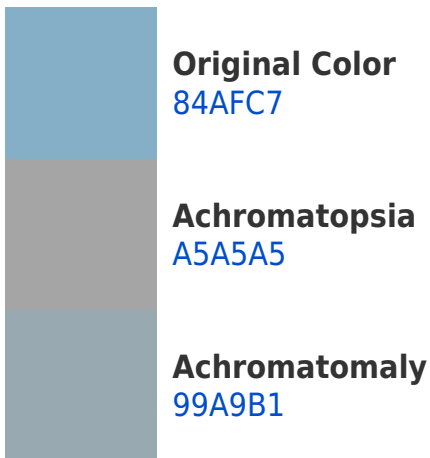


Tritanopia
82B0BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84AFC7 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 #84AFC7 looks like.

```
.text, #text, p{  
    color:#84AFC7  
}
```

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 #84AFC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84AFC7
}
```

Border

The CSS property to change the border of an element to Hex 84AFC7 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
#84AFC7 }
```

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

```
.border{ border-color:#84AFC7 }
```

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

Here you see how a box with a 4 pixel #84AFC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84AFC7; -webkit-box-shadow:4px 4px  
4px 4px #84AFC7; box-shadow:4px 4px 4px  
4px #84AFC7 }
```

Background

The CSS property to change the background color of an element to Hex 84AFC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84AFC7 }
```

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

```
.background{ background-color:#84AFC7 }
```

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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