

# Converting Colors

Hex(88AFC7)

Have a look what the booklet for  
Hex(88AFC7) contains.

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# **Color**

**Hex(88AFC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88AFC7
RGB	136, 175, 199
RGB Percent	53%, 69%, 78%
CMY	0.4667, 0.3137, 0.2196
CMYK	0.32, 0.12, 0.00, 0.22
HSL	203°, 36%, 66%
HSV	203°, 32%, 78%
XYZ	35.7921, 40.0177, 59.8706
YIQ	166.0750, -30.9480, -0.8040

# Conversions

## Conversions Part 2

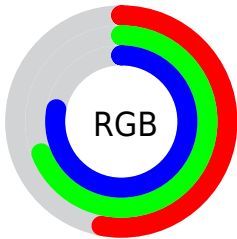
Format	Color
<a href="#">RYB</a>	<a href="#">136, 160, 199</a>
Decimal	<a href="#">8957895</a>
CIELab	<a href="#">69.48, -7.39, -16.47</a>
CIElCh	<a href="#">69, 18.050, 245.826</a>
Yxy	<a href="#">40.0177, 0.2638, 0.2949</a>
Android (android.graphics.Color)	<a href="#">4287147975 (0xFF88AFC7)</a>
YUV	<a href="#">166.0750, 16.2320, -26.3758</a>
Hunter-Lab	<a href="#">63.2595, -9.7093, -11.8320</a>

# Details

The Hex color **88AFC7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C7A088**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BFE7FF**, and **547B91** is the 20% darker color. If you saturate the color by 10%, you get **74A7C7**, and if you desaturate by 10%, it is **9CB7C7**.

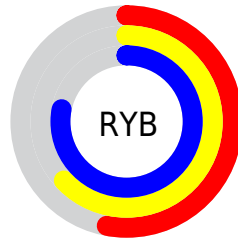
# Distribution



Red (53%)

Green (69%)

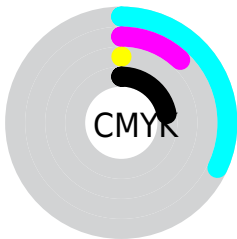
Blue (78%)



Red (53%)

Yellow (63%)

Blue (78%)

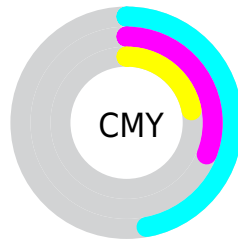


Cyan (32%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (47%)

Magenta (31%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88AFC7 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 88AFC7 by changing the saturation by 10% instead.



■ 88AFC7

FFFFFF

■ BFE7FF

■ DBFFFF

■ F8FFFF

■ 88AFC7

■ 6E94AC

■ 547B91

■ 3A6277

■ 204A5F

■ 013347

■ 001E30

■ 00011C

■ 000000

■ 88AFC7

■ 88AFC7

74A7C7

9CB7C7

60A0C7

B0BEC7

4C98C7

C4C6C7

3891C7

D8CDC7

2589C7

ECD5C7

1182C7

FFDCC7

007BC7

FFE4C7

FFECC7

FFF3C7

# Harmonies

## Analogous

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



7EB2BC



88AFC7



9BAACA

# Triad

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



88AFC7



CB9EA7



A1AF8F

# Complementary

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



88AFC7



C7A088

# 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.



B3AA89



88AFC7



CBA097

# Square

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



88AFC7



C2A0B7



C2A48C



8FB29C

# Rectangle

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



88AFC7



AAA6C7



C2A48C



A7AD8C

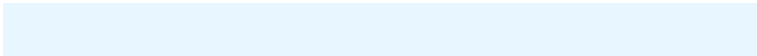


# Sweetspot

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



88AFC7



E8F6FF



88C79F



717A80



000000



808080

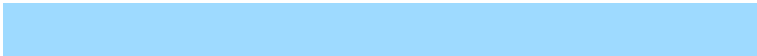


# Same Dimension

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



88AFC7



9EDAFF



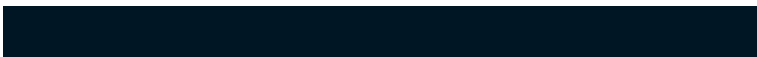
8890C7



5A6063



0065A3



001624



# Inverse Universe

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



C788AF



FF9EDA



C7BF88



635A60



A30065

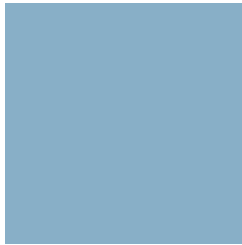


240016



# Previews

## White Background



This preview shows how the Hex color 88AFC7 looks on a white background.

## Color Contrast Check

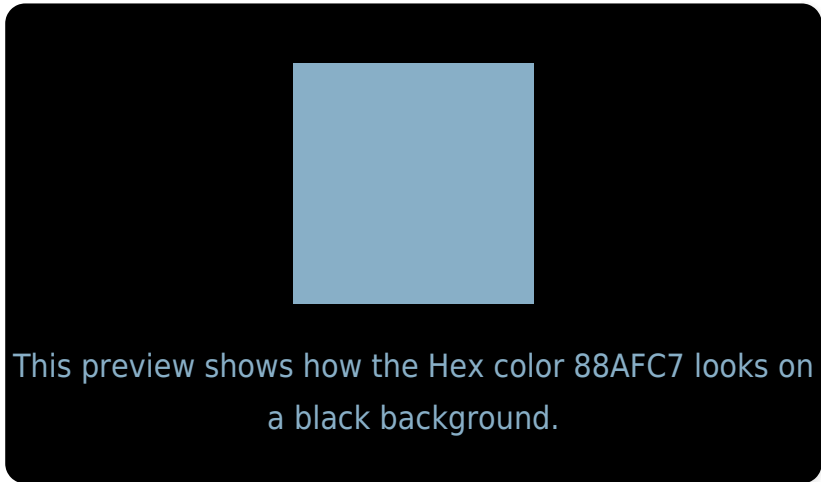
Large Text (above 18pt) WCAG AA × Fail

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

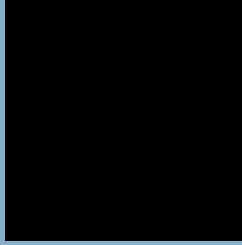
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

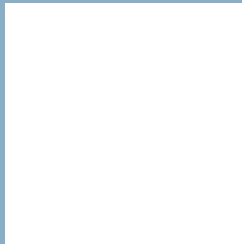
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 88AFC7 Background



This preview shows how black text looks on a background with the Hex color 88AFC7.

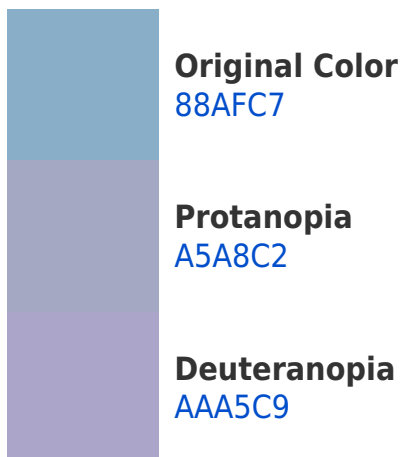


This preview shows how white text looks on a background with the Hex color 88AFC7.

# 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](#).

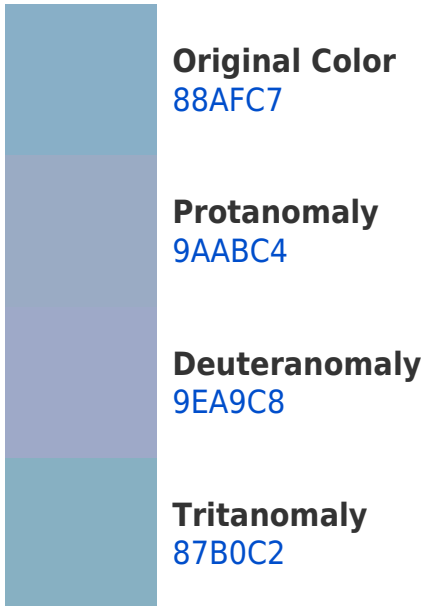
## Dichromacy



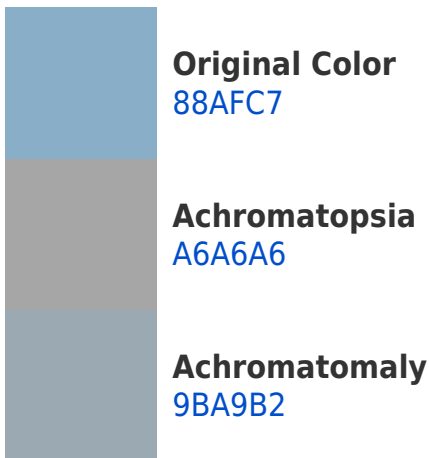


**Tritanopia**  
86B0BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88AFC7 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 #88AFC7 looks like.

```
.text, #text, p{  
    color:#88AFC7  
}
```

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 #88AFC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88AFC7
}
```

## Border

The CSS property to change the border of an element to Hex 88AFC7 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
#88AFC7 }
```

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

```
.border{ border-color:#88AFC7 }
```

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

Here you see how a box with a 4 pixel #88AFC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88AFC7; -webkit-box-shadow:4px 4px  
4px 4px #88AFC7; box-shadow:4px 4px 4px  
4px #88AFC7 }
```

# Background

The CSS property to change the background color of an element to Hex 88AFC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88AFC7 }
```

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

```
.background{ background-color:#88AFC7 }
```

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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