

Converting Colors

Hex(86B7C8)

Have a look what the booklet for
Hex(86B7C8) contains.

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Color

Hex(86B7C8)

Conversions

Conversions Part 1

Format	Color
Hex	86B7C8
RGB	134, 183, 200
RGB Percent	53%, 72%, 78%
CMY	0.4745, 0.2824, 0.2157
CMYK	0.33, 0.08, 0.00, 0.22
HSL	195°, 37%, 65%
HSV	195°, 33%, 78%
XYZ	37.1903, 43.1054, 61.0036
YIQ	170.2870, -34.6610, -5.1010

Conversions

Conversions Part 2

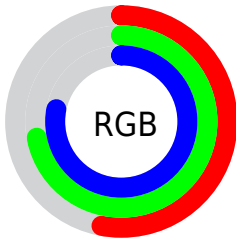
Format	Color
RYB	134, 162, 200
Decimal	8828872
CIELab	71.63, -11.99, -13.80
CIELCh	72, 18.281, 229.003
Yxy	43.1054, 0.2632, 0.3051
Android (android.graphics.Color)	4287018952 (0xFF86B7C8)
YUV	170.2870, 14.6485, -31.8237
Hunter-Lab	65.6547, -13.7839, -9.1315

Details

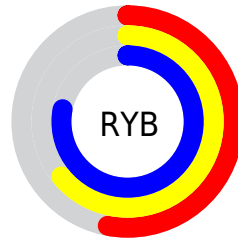
The Hex color **86B7C8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C89786**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **BDEFFF**, and **518292** is the 20% darker color. If you saturate the color by 10%, you get **72B2C8**, and if you desaturate by 10%, it is **9ABCC8**.

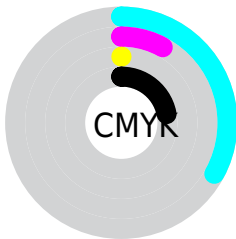
Distribution



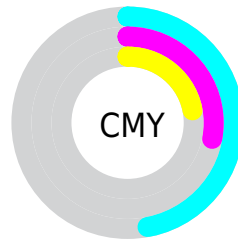
- Red (53%)
- Green (72%)
- Blue (78%)



- Red (53%)
- Yellow (64%)
- Blue (78%)



- Cyan (33%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (47%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86B7C8 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 86B7C8 by changing the saturation by 10% instead.



86B7C8



86B7C8

FFFFFF



6B9CAD



BDEFFF



518292



D9FFFF



376978



F6FFFF



1C5160



003A48



002431



000D1D



000000



86B7C8



86B7C8

72B2C8

9ABCC8

5EADC8

AEC1C8

4AA8C8

C2C6C8

36A2C8

D6CCC8

229DC8

EAD1C8

0E98C8

FED6C8

0094C8

FFDBC8

FFE0C8

FFE5C8

Harmonies

Analogous

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



83B9BA



86B7C8



95B3D0

Triad

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



86B7C8



CDA4B6



B1B290

Complementary

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



86B7C8



C89786

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.



C2AC8F



86B7C8



D3A4A5

Square

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



86B7C8



BFA8C5



CEA797



9EB699

Rectangle

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



86B7C8



A3AFD0



CEA797



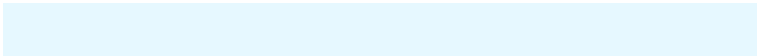
B7B08F

Sweetspot

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



86B7C8



E6F8FF



86C897



707C80



000000



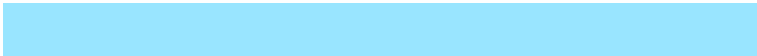
808080

Same Dimension

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



86B7C8



99E5FF



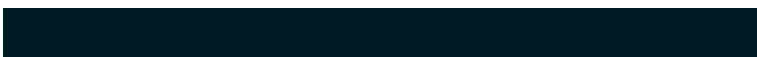
8697C8



5A6163



0079A3



001B24

Inverse Universe

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



C886B7



FF99E5



C8B886



635A61



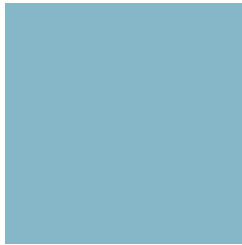
A30079



24001B

Previews

White Background



This preview shows how the Hex color 86B7C8 looks on a white background.

Color Contrast Check

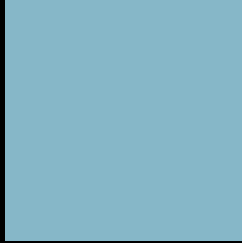
Large Text (above 18pt) WCAG AA × Fail

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 86B7C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

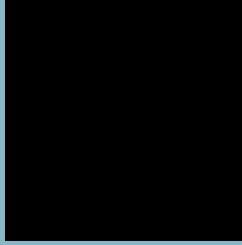
Any Text WCAG AA ✓ Pass

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 86B7C8 Background



This preview shows how black text looks on a background with the Hex color 86B7C8.

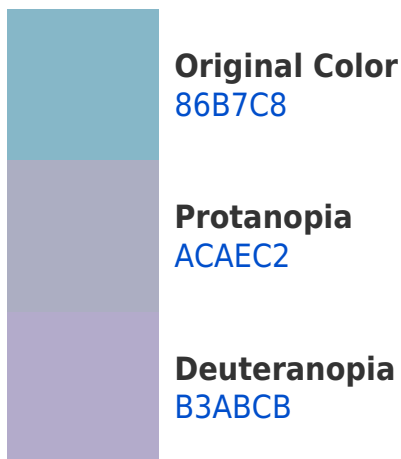


This preview shows how white text looks on a background with the Hex color 86B7C8.

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](#).

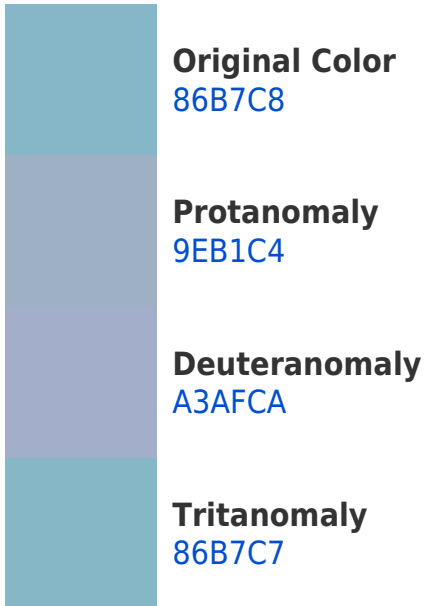
Dichromacy



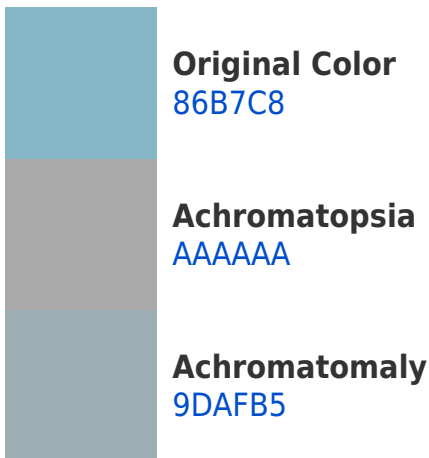


Tritanopia
86B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86B7C8 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 #86B7C8 looks like.

```
.text, #text, p{  
    color:#86B7C8  
}
```

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 #86B7C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86B7C8
}
```

Border

The CSS property to change the border of an element to Hex 86B7C8 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
#86B7C8 }
```

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

```
.border{ border-color:#86B7C8 }
```

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

Here you see how a box with a 4 pixel #86B7C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86B7C8; -webkit-box-shadow:4px 4px  
4px 4px #86B7C8; box-shadow:4px 4px 4px  
4px #86B7C8 }
```

Background

The CSS property to change the background color of an element to Hex 86B7C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86B7C8 }
```

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

```
.background{ background-color:#86B7C8 }
```

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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