

Converting Colors

Hex(86C6D7)

Have a look what the booklet for
Hex(86C6D7) contains.

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Color

Hex(86C6D7)

Conversions

Conversions Part 1

Format	Color
Hex	86C6D7
RGB	134, 198, 215
RGB Percent	53%, 78%, 84%
CMY	0.4745, 0.2235, 0.1569
CMYK	0.38, 0.08, 0.00, 0.16
HSL	193°, 50%, 68%
HSV	193°, 38%, 84%
XYZ	42.2913, 50.3628, 71.7820
YIQ	180.8020, -43.6010, -8.2810

Conversions

Conversions Part 2

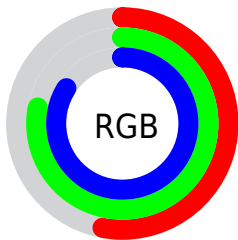
Format	Color
RYB	134, 170, 215
Decimal	8832727
CIELab	76.29, -16.09, -14.94
CIElCh	76, 21.960, 222.882
Yxy	50.3628, 0.2572, 0.3063
Android (android.graphics.Color)	4287022807 (0xFF86C6D7)
YUV	180.8020, 16.8596, -41.0454
Hunter-Lab	70.9667, -17.8180, -10.2944

Details

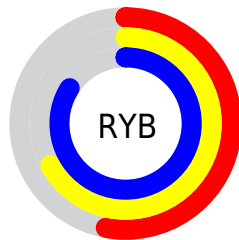
The Hex color **86C6D7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D79786**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **BEFFFF**, and **5090A0** is the 20% darker color. If you saturate the color by 10%, you get **71C1D7**, and if you desaturate by 10%, it is **9CCBD7**.

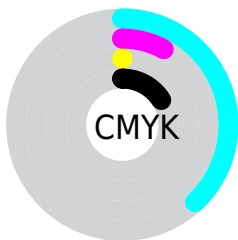
Distribution



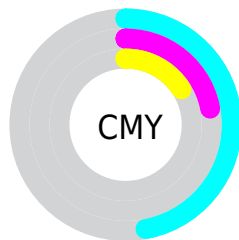
- Red (53%)
- Green (78%)
- Blue (84%)



- Red (53%)
- Yellow (67%)
- Blue (84%)



- Cyan (38%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (47%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86C6D7 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 86C6D7 by changing the saturation by 10% instead.

 86C6D7

 86C6D7

FFFFFF

 6BABBB

 BEFFFF

 5090A0

 DBFFFF

 347686

 F8FFFF

 135E6D

 004654

 002F3D

 001C27

 000113

 000000

86C6D7

86C6D7

71C1D7

9CCBD7

5BBDD7

B1CFD7

46B8D7

C7D4D7

30B4D7

DCD8D7

1BAFD7

F2DDD7

05ABD7

FFE1D7

00AAD7

FFE6D7

FFEAD7

FFEFD7

Harmonies

Analogous

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



87C8C4



86C6D7



96C1E2

Triad

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



86C6D7



DEAFC9



C3BE95

Complementary

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



86C6D7



D79786

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.



D6B796



86C6D7



E6AEB4

Square

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



86C6D7



CAB4DA



E3B1A1



ACC39E

Rectangle

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



86C6D7



A7BDE4



E3B1A1



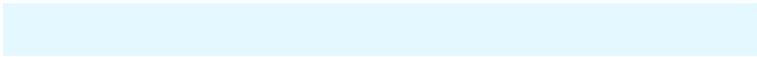
CABB94

Sweetspot

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



86C6D7



E3F9FF



86D796



6F7C80



000000



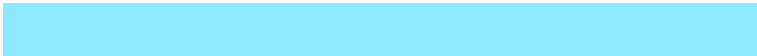
808080

Same Dimension

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



86C6D7



8CE7FF



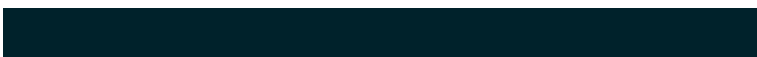
869ED7



60696B



0087AB



00222B

Inverse Universe

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



D786C6



FF8CE7



D7BF86



6B6069



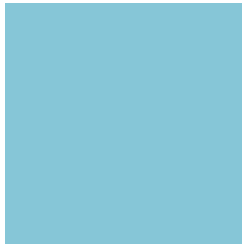
AB0087



2B0022

Previews

White Background



This preview shows how the Hex color 86C6D7 looks on a white background.

Color Contrast Check

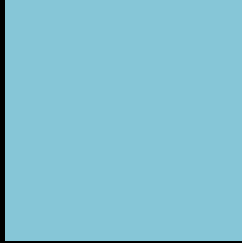
Large Text (above 18pt) WCAG AA × Fail

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 86C6D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

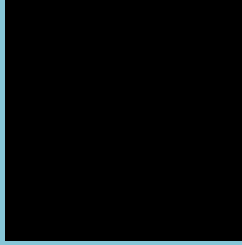
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

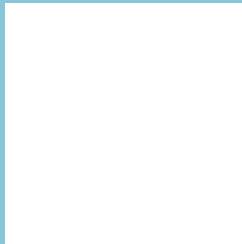
Any Text WCAG AAA ✓ Pass

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

Hex 86C6D7 Background



This preview shows how black text looks on a background with the Hex color 86C6D7.

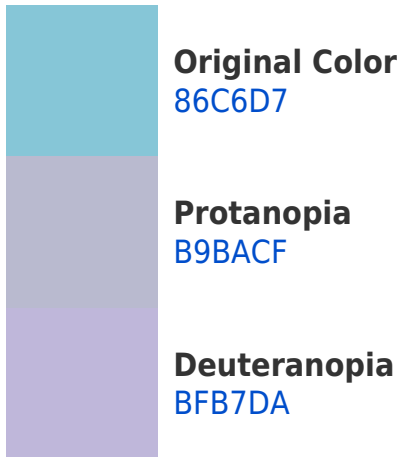


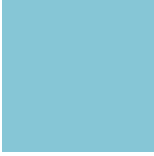
This preview shows how white text looks on a background with the Hex color 86C6D7.

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](#).

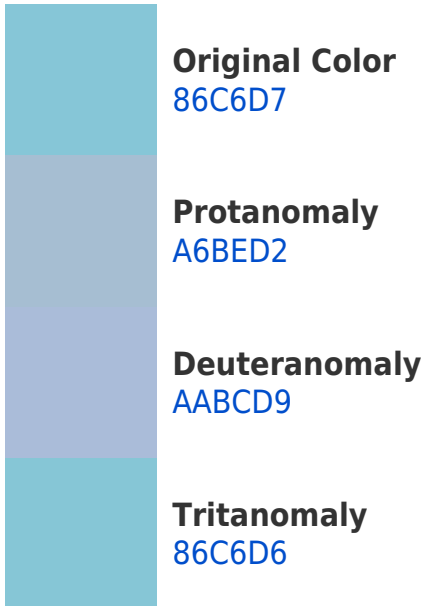
Dichromacy



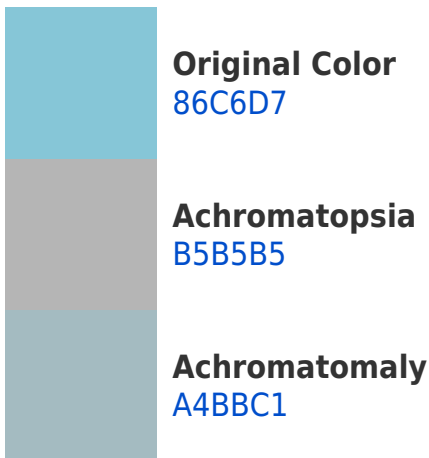


Tritanopia
86C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86C6D7 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 #86C6D7 looks like.

```
.text, #text, p{  
    color:#86C6D7  
}
```

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 #86C6D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C6D7
}
```

Border

The CSS property to change the border of an element to Hex 86C6D7 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
#86C6D7 }
```

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

```
.border{ border-color:#86C6D7 }
```

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

Here you see how a box with a 4 pixel #86C6D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C6D7; -webkit-box-shadow:4px 4px  
4px 4px #86C6D7; box-shadow:4px 4px 4px  
4px #86C6D7 }
```

Background

The CSS property to change the background color of an element to Hex 86C6D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C6D7 }
```

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

```
.background{ background-color:#86C6D7 }
```

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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