

Converting Colors

Hex(86C5C9)

Have a look what the booklet for
Hex(86C5C9) contains.

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Color

Hex(86C5C9)

Conversions

Conversions Part 1

Format	Color
Hex	86C5C9
RGB	134, 197, 201
RGB Percent	53%, 77%, 79%
CMY	0.4745, 0.2275, 0.2118
CMYK	0.33, 0.02, 0.00, 0.21
HSL	184°, 38%, 66%
HSV	184°, 33%, 79%
XYZ	40.3404, 49.2179, 62.6322
YIQ	178.6190, -38.8320, -12.1120

Conversions

Conversions Part 2

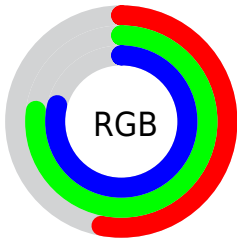
Format	Color
RYB	134, 166, 201
Decimal	8832457
CIELab	75.59, -19.02, -8.42
CIELCh	76, 20.798, 203.893
Yxy	49.2179, 0.2651, 0.3234
Android (android.graphics.Color)	4287022537 (0xFF86C5C9)
YUV	178.6190, 11.0338, -39.1309
Hunter-Lab	70.1555, -20.1320, -3.8231

Details

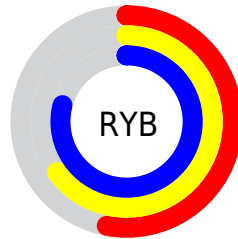
The Hex color **86C5C9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C98A86**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **BDFEFF**, and **518F93** is the 20% darker color. If you saturate the color by 10%, you get **72C4C9**, and if you desaturate by 10%, it is **9AC6C9**.

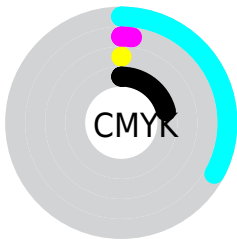
Distribution



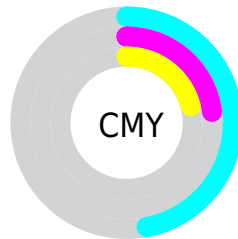
- Red (53%)
- Green (77%)
- Blue (79%)



- Red (53%)
- Yellow (65%)
- Blue (79%)



- Cyan (33%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (47%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86C5C9 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 86C5C9 by changing the saturation by 10% instead.

 86C5C9

 86C5C9

FFFFFF

 6BAAAE

 BDFEFF

 518F93

 DAFFFF

 367579

 F7FFFF

 185D61

 004549

 002E32

 001B1D

 000002

 000000

 86C5C9

 86C5C9

 72C4C9

 9AC6C9

 5EC3C9

 AEC7C9

 4AC1C9

 C2C9C9

 36C0C9

 D6CAC9

 22BFC9

 EBCBC9

 0DBEC9

 FFCCC9

 00BDC9

 FFCDC9

 FFCFC9

 FFD0C9

Harmonies

Analogous

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



90C5B5



86C5C9



8CC2D9

Triad

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



86C5C9



CFB1D1



CDB894

Complementary

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



86C5C9



C98A86

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.



DCB19C



86C5C9



DEADBFB

Square

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



86C5C9



B9B7DD



E2ADAC



B9BE97

Rectangle

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



86C5C9



98BDFD



E2ADAC



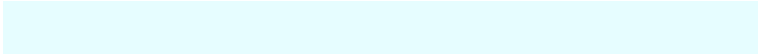
D3B596

Sweetspot

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



86C5C9



E6FDFD



86C989



707F80



000000



808080

Same Dimension

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



86C5C9



99F9FF



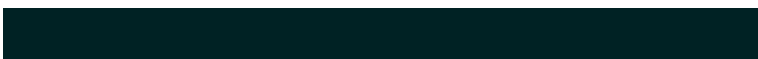
86A4C9



5A6363



0099A3



002224

Inverse Universe

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



C986C5



FF99F9



C9AB86



635A63



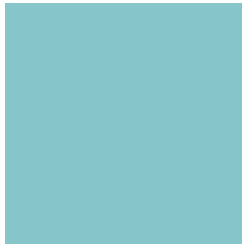
A30099



240022

Previews

White Background



This preview shows how the Hex color 86C5C9 looks on a white background.

Color Contrast Check

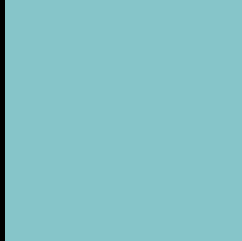
Large Text (above 18pt) WCAG AA × Fail

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 86C5C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

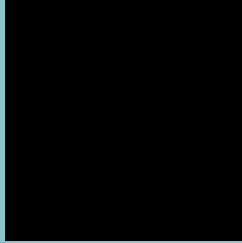
Any Text WCAG AA ✓ Pass

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 86C5C9 Background



This preview shows how black text looks on a background with the Hex color 86C5C9.

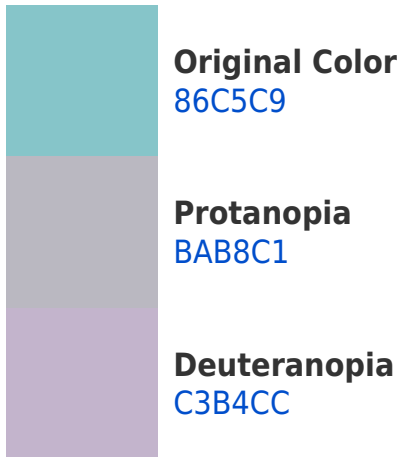


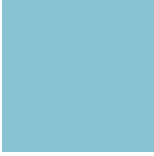
This preview shows how white text looks on a background with the Hex color 86C5C9.

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](#).

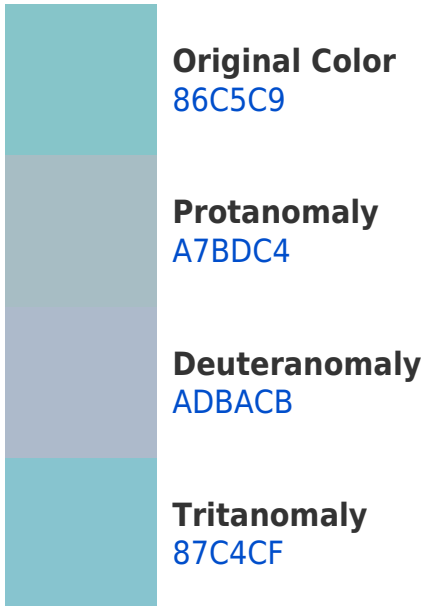
Dichromacy



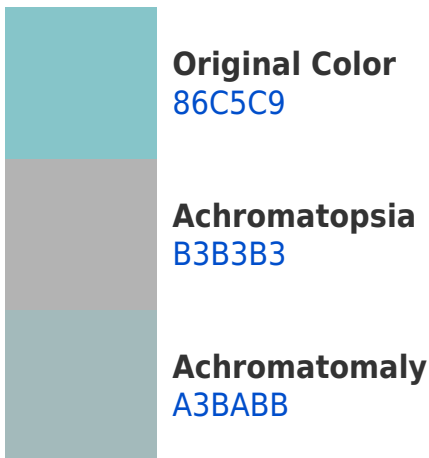


Tritanopia
88C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86C5C9 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 #86C5C9 looks like.

```
.text, #text, p{  
    color:#86C5C9  
}
```

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 #86C5C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C5C9
}
```

Border

The CSS property to change the border of an element to Hex 86C5C9 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
#86C5C9 }
```

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

```
.border{ border-color:#86C5C9 }
```

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

Here you see how a box with a 4 pixel #86C5C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C5C9; -webkit-box-shadow:4px 4px  
4px 4px #86C5C9; box-shadow:4px 4px 4px  
4px #86C5C9 }
```

Background

The CSS property to change the background color of an element to Hex 86C5C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C5C9 }
```

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

```
.background{ background-color:#86C5C9 }
```

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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