

Converting Colors

Hex(86C4D9)

Have a look what the booklet for
Hex(86C4D9) contains.

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Color

Hex(86C4D9)

Conversions

Conversions Part 1

Format	Color
Hex	86C4D9
RGB	134, 196, 217
RGB Percent	53%, 77%, 85%
CMY	0.4745, 0.2314, 0.1490
CMYK	0.38, 0.10, 0.00, 0.15
HSL	195°, 52%, 69%
HSV	195°, 38%, 85%
XYZ	42.0958, 49.5579, 72.9926
YIQ	179.8560, -43.6930, -6.6130

Conversions

Conversions Part 2

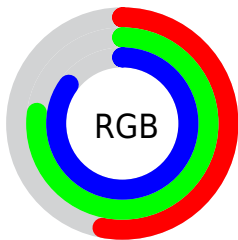
Format	Color
RYB	134, 169, 217
Decimal	8832217
CIELab	75.80, -14.55, -16.77
CIELCh	76, 22.201, 229.053
Yxy	49.5579, 0.2557, 0.3010
Android (android.graphics.Color)	4287022297 (0xFF86C4D9)
YUV	179.8560, 18.3120, -40.2157
Hunter-Lab	70.3974, -16.4571, -12.1975

Details

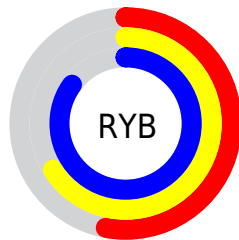
The Hex color **86C4D9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D99B86**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **BEFDFF**, and **4F8EA2** is the 20% darker color. If you saturate the color by 10%, you get **70BFD9**, and if you desaturate by 10%, it is **9CC9D9**.

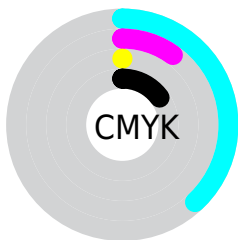
Distribution



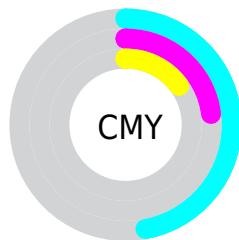
- Red (53%)
- Green (77%)
- Blue (85%)



- Red (53%)
- Yellow (66%)
- Blue (85%)



- Cyan (38%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)



- Cyan (47%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86C4D9 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 86C4D9 by changing the saturation by 10% instead.

 86C4D9

 86C4D9

FFFFFF

 6BA9BD

 BEFDFF

 4F8EA2

 DBFFFF

 347588

 F8FFFF

 125C6E

 004456

 002E3F

 001A29

 000114

 000000

 86C4D9

 86C4D9

 70BFD9

 9CC9D9

 5BB9D9

 B1CFD9

 45B4D9

 C7D4D9

 2FAED9

 DDDAD9

 1AA9D9

 F3DFD9

 04A3D9

 FFE5D9

 00A2D9

 FFEAD9

 FFF0D9

 FFF5D9

Harmonies

Analogous

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



83C6C7



86C4D9



99BFE2

Triad

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



86C4D9



DFADC3



BDBE94

Complementary

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



86C4D9



D99B86

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.



D2B793



86C4D9



E5ADAE

Square

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



86C4D9



CEB1D6



E0B19D



A5C39F

Rectangle

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



86C4D9



ABBBE3



E0B19D



C4BB92

Sweetspot

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



86C4D9



E3F8FF



86D99B



6F7B80



000000



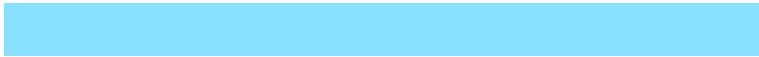
808080

Same Dimension

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



86C4D9



8AE1FF



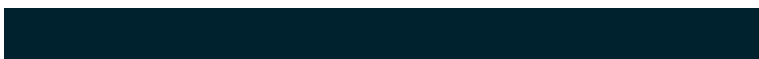
869BD9



636B6E



0082AD



00222E

Inverse Universe

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



D986C4



FF8AE1



D9C486



6E636B



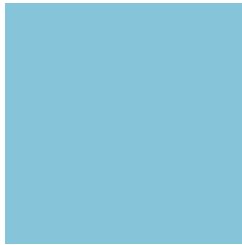
AD0082



2E0022

Previews

White Background



This preview shows how the Hex color 86C4D9 looks on a white background.

Color Contrast Check

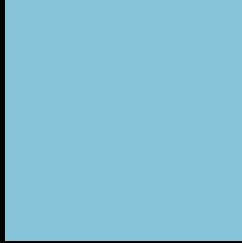
Large Text (above 18pt) WCAG AA × Fail

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 86C4D9 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 86C4D9 Background



This preview shows how black text looks on a background with the Hex color 86C4D9.

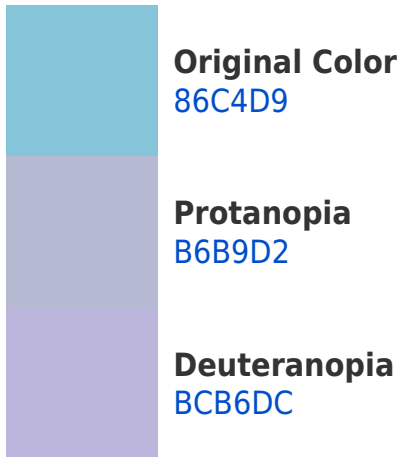


This preview shows how white text looks on a background with the Hex color 86C4D9.

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](#).

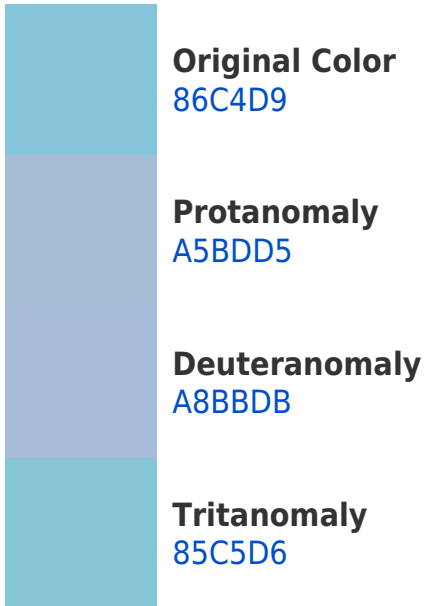
Dichromacy



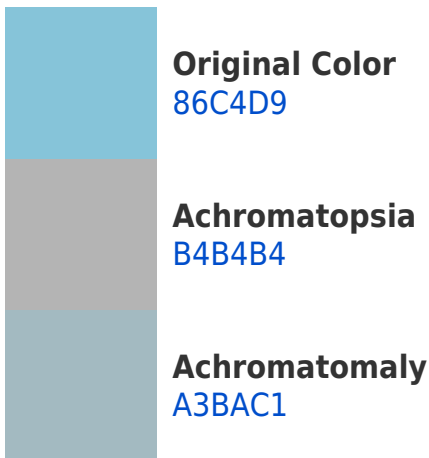


Tritanopia
85C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86C4D9 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 #86C4D9 looks like.

```
.text, #text, p{  
    color:#86C4D9  
}
```

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 #86C4D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C4D9
}
```

Border

The CSS property to change the border of an element to Hex 86C4D9 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
#86C4D9 }
```

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

```
.border{ border-color:#86C4D9 }
```

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

Here you see how a box with a 4 pixel #86C4D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C4D9; -webkit-box-shadow:4px 4px  
4px 4px #86C4D9; box-shadow:4px 4px 4px  
4px #86C4D9 }
```

Background

The CSS property to change the background color of an element to Hex 86C4D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C4D9 }
```

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

```
.background{ background-color:#86C4D9 }
```

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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