

Converting Colors

Hex(86C9E2)

Have a look what the booklet for
Hex(86C9E2) contains.

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Color

Hex(86C9E2)

Conversions

Conversions Part 1

Format	Color
Hex	86C9E2
RGB	134, 201, 226
RGB Percent	53%, 79%, 89%
CMY	0.4745, 0.2118, 0.1137
CMYK	0.41, 0.11, 0.00, 0.11
HSL	196°, 61%, 71%
HSV	196°, 41%, 89%
XYZ	44.4456, 52.3326, 79.7102
YIQ	183.8170, -47.9570, -6.4290

Conversions

Conversions Part 2

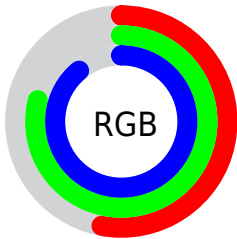
Format	Color
RYB	134, 173, 226
Decimal	8833506
CIELab	77.48, -14.84, -19.08
CIELCh	77, 24.171, 232.132
Yxy	52.3326, 0.2518, 0.2965
Android (android.graphics.Color)	4287023586 (0xFF86C9E2)
YUV	183.8170, 20.7962, -43.6895
Hunter-Lab	72.3413, -16.9289, -14.6906

Details

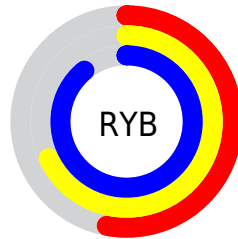
The Hex color **86C9E2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E29F86**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **BFFFFFF**, and **4E93AB** is the 20% darker color. If you saturate the color by 10%, you get **6FC3E2**, and if you desaturate by 10%, it is **9DCFE2**.

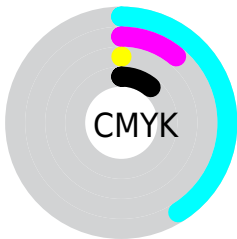
Distribution



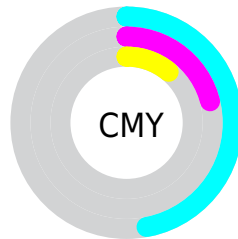
- Red (53%)
- Green (79%)
- Blue (89%)



- Red (53%)
- Yellow (68%)
- Blue (89%)



- Cyan (41%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (47%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86C9E2 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 86C9E2 by changing the saturation by 10% instead.

 86C9E2

 86C9E2

FFFFFF

 6AAEC6

 BFFFFFF

 4E93AB

 DBFFFF

 317990

 F9FFFF

 0A6076

 00485E

 003246

 001D2F

 00011B

 000000

86C9E2

86C9E2

6FC3E2

9DCFE2

59BDE2

B3D5E2

42B7E2

CADBE2

2CB0E2

E0E2E2

15AAE2

F7E8E2

00A5E2

FFEEE2

FFF4E2

FFFAE2

FFFFE2

Harmonies

Analogous

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



81CCCF



86C9E2



9DC3EB

Triad

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



86C9E2



E8B0C6



BFC396

Complementary

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



86C9E2



E29F86

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.



D6BC93



86C9E2



EEB0B0

Square

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



86C9E2



D7B4DB



E7B59D



A5C9A3

Rectangle

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



86C9E2



B1BEEB



E7B59D



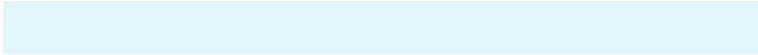
C7C194

Sweetspot

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



86C9E2



E0F7FF



86E29F



6E7B80



000000



808080

Same Dimension

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



86C9E2



82DDFF



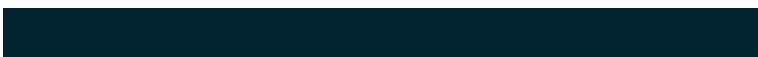
869BE2



656D70



0080B0



002330

Inverse Universe

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



E286C9



FF82DD



E2CD86



70656D



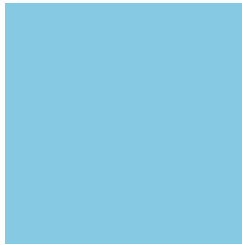
B00080



300023

Previews

White Background



This preview shows how the Hex color 86C9E2 looks on a white background.

Color Contrast Check

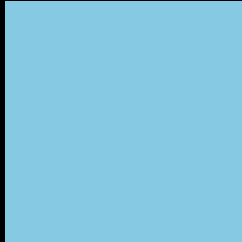
Large Text (above 18pt) WCAG AA × Fail

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 86C9E2 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 86C9E2 Background



This preview shows how black text looks on a background with the Hex color 86C9E2.

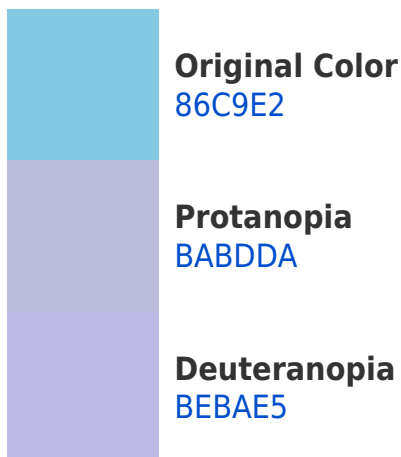


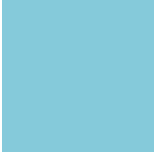
This preview shows how white text looks on a background with the Hex color 86C9E2.

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](#).

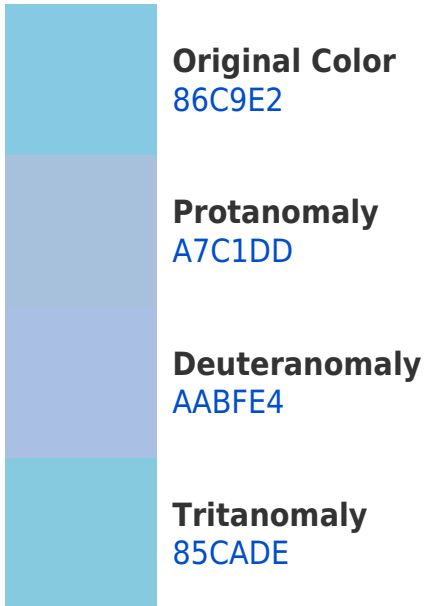
Dichromacy



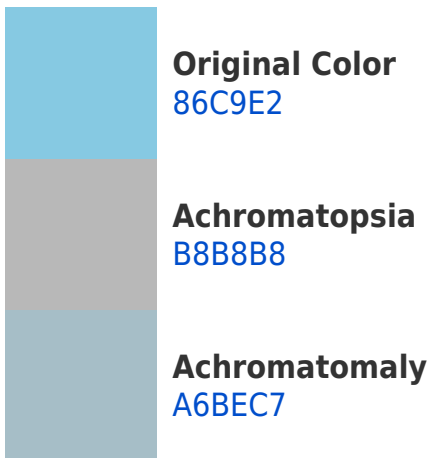


Tritanopia
84CADB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86C9E2 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 #86C9E2 looks like.

```
.text, #text, p{  
    color:#86C9E2  
}
```

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 #86C9E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C9E2
}
```

Border

The CSS property to change the border of an element to Hex 86C9E2 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
#86C9E2 }
```

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

```
.border{ border-color:#86C9E2 }
```

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

Here you see how a box with a 4 pixel #86C9E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C9E2; -webkit-box-shadow:4px 4px  
4px 4px #86C9E2; box-shadow:4px 4px 4px  
4px #86C9E2 }
```

Background

The CSS property to change the background color of an element to Hex 86C9E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C9E2 }
```

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

```
.background{ background-color:#86C9E2 }
```

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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