

Converting Colors

Hex(86C5E4)

Have a look what the booklet for
Hex(86C5E4) contains.

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Color

Hex(86C5E4)

Conversions

Conversions Part 1

Format	Color
Hex	86C5E4
RGB	134, 197, 228
RGB Percent	53%, 77%, 89%
CMY	0.4745, 0.2275, 0.1059
CMYK	0.41, 0.14, 0.00, 0.11
HSL	200°, 64%, 71%
HSV	200°, 41%, 89%
XYZ	43.8014, 50.6023, 80.8574
YIQ	181.6970, -47.4990, -3.7150

Conversions

Conversions Part 2

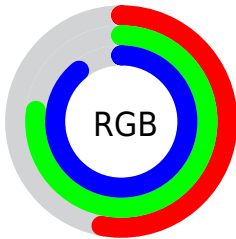
Format	Color
RYB	134, 172, 228
Decimal	8832484
CIELab	76.44, -12.23, -21.74
CIElCh	76, 24.943, 240.636
Yxy	50.6023, 0.2499, 0.2887
Android (android.graphics.Color)	4287022564 (0xFF86C5E4)
YUV	181.6970, 22.8274, -41.8303
Hunter-Lab	71.1353, -14.5758, -17.5985

Details

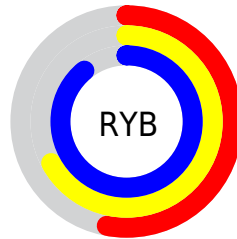
The Hex color **86C5E4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E4A586**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **BFFEFF**, and **4E8FAD** is the 20% darker color. If you saturate the color by 10%, you get **6FBDE4**, and if you desaturate by 10%, it is **9DCDE4**.

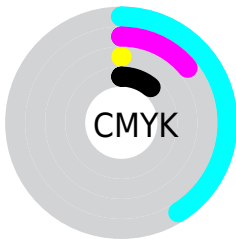
Distribution



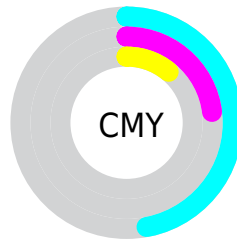
- Red (53%)
- Green (77%)
- Blue (89%)



- Red (53%)
- Yellow (67%)
- Blue (89%)



- Cyan (41%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (47%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86C5E4 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 86C5E4 by changing the saturation by 10% instead.

 86C5E4

 86C5E4

FFFFFF

 6AAAC8

 BFFEFF

 4E8FAD

 DBFFFF

 317692

 F9FFFF

 0A5D78

 00455F

 002F47

 001B31

 00011C

 000000

86C5E4

86C5E4

6FBDE4

9DCDE4

58B6E4

B4D4E4

42AEE4

CADCE4

2BA7E4

E1E3E4

149FE4

F8EBE4

0099E4

FFF2E4

FFFAE4

FFFFE4

Harmonies

Analogous

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



7BC9D3



86C5E4



A2BEEA

Triad

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



86C5E4



EAACBD



B4C295

Complementary

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



86C5E4



E4A586

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.



CDBB8F



86C5E4



EBAEA6

Square

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



86C5E4



DBAFD4



E1B495



9AC7A5

Rectangle

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



86C5E4



B7B9E7



E1B495



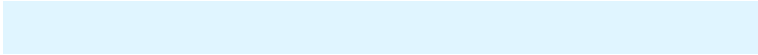
BDC091

Sweetspot

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



86C5E4



E0F5FF



86E4A4



6E7A80



000000



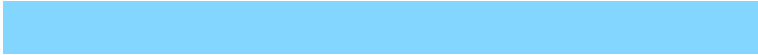
808080

Same Dimension

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



86C5E4



82D6FF



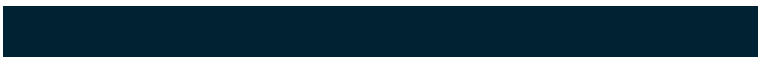
8697E4



676F73



0078B3



002233

Inverse Universe

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



E486C5



FF82D6



E4D386



73676F



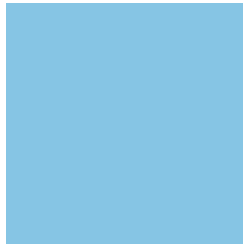
B30078



330022

Previews

White Background



This preview shows how the Hex color 86C5E4 looks on a white background.

Color Contrast Check

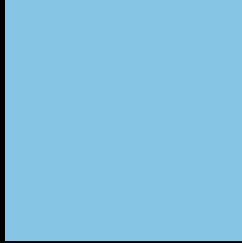
Large Text (above 18pt) WCAG AA × Fail

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 86C5E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

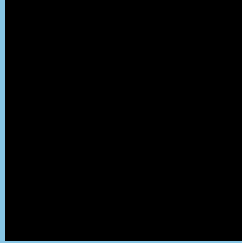
Any Text WCAG AA ✓ Pass

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 86C5E4 Background



This preview shows how black text looks on a background with the Hex color 86C5E4.

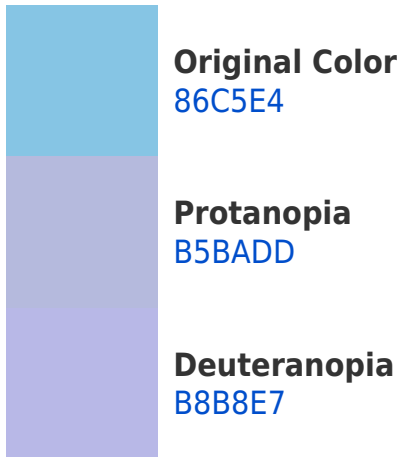


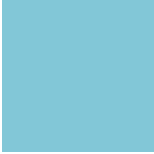
This preview shows how white text looks on a background with the Hex color 86C5E4.

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](#).

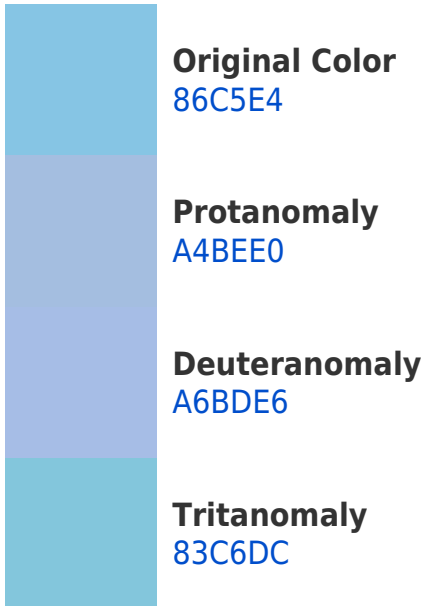
Dichromacy



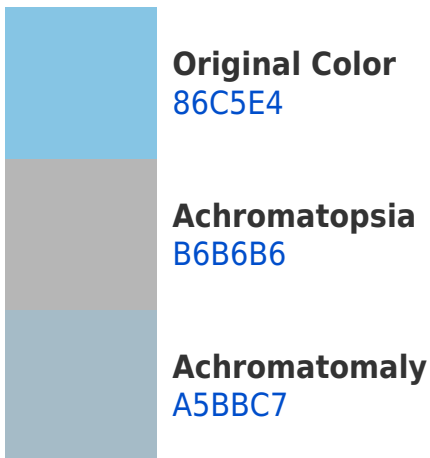


Tritanopia
82C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86C5E4 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 #86C5E4 looks like.

```
.text, #text, p{  
    color:#86C5E4  
}
```

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 #86C5E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C5E4
}
```

Border

The CSS property to change the border of an element to Hex 86C5E4 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
#86C5E4 }
```

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

```
.border{ border-color:#86C5E4 }
```

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

Here you see how a box with a 4 pixel #86C5E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C5E4; -webkit-box-shadow:4px 4px  
4px 4px #86C5E4; box-shadow:4px 4px 4px  
4px #86C5E4 }
```

Background

The CSS property to change the background color of an element to Hex 86C5E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C5E4 }
```

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

```
.background{ background-color:#86C5E4 }
```

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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