

Converting Colors

Hex(86C8E3)

Have a look what the booklet for
Hex(86C8E3) contains.

Hex(86C8E3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(86C8E3)

Conversions

Conversions Part 1

Format	Color
Hex	86C8E3
RGB	134, 200, 227
RGB Percent	53%, 78%, 89%
CMY	0.4745, 0.2157, 0.1098
CMYK	0.41, 0.12, 0.00, 0.11
HSL	197°, 62%, 71%
HSV	197°, 41%, 89%
XYZ	44.3509, 51.9229, 80.3576
YIQ	183.3440, -48.0030, -5.5950

Conversions

Conversions Part 2

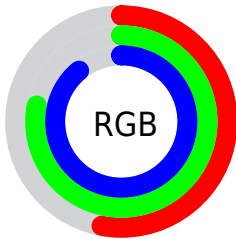
Format	Color
RYB	134, 173, 227
Decimal	8833251
CIELab	77.23, -14.06, -19.99
CIElCh	77, 24.438, 234.881
Yxy	51.9229, 0.2511, 0.2940
Android (android.graphics.Color)	4287023331 (0xFF86C8E3)
YUV	183.3440, 21.5224, -43.2747
Hunter-Lab	72.0576, -16.2353, -15.6791

Details

The Hex color **86C8E3** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E3A186**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **BFFFFFF**, and **4E92AC** is the 20% darker color. If you saturate the color by 10%, you get **6FC1E3**, and if you desaturate by 10%, it is **9DCFE3**.

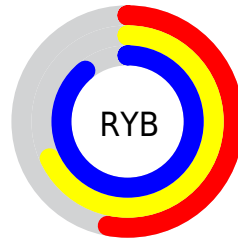
Distribution



Red (53%)

Green (78%)

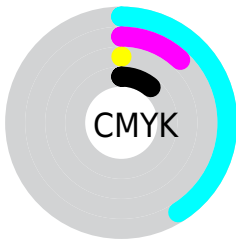
Blue (89%)



Red (53%)

Yellow (68%)

Blue (89%)

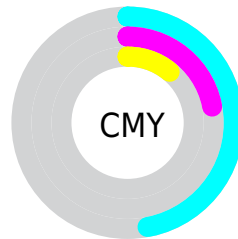


Cyan (41%)

Magenta (12%)

Yellow (0%)

Black (11%)



Cyan (47%)

Magenta (22%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86C8E3 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 86C8E3 by changing the saturation by 10% instead.

 86C8E3

 86C8E3

FFFFFF

 6AADC7

 BFFFFFF

 4E92AC

 DBFFFF

 317891

 F9FFFF

 0A5F77

 00485E

 003147

 001D30

 00011C

 000000

86C8E3

86C8E3

6FC1E3

9DCFE3

59BBE3

B3D5E3

42B4E3

CADCE3

2BAEE3

E1E2E3

15A7E3

F8E9E3

00A1E3

FFF0E3

FFF6E3

FFFDE3

FFFFE3

Harmonies

Analogous

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



7FCBD1



86C8E3



9FC2EB

Triad

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



86C8E3



E9AFC4



BCC395

Complementary

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



86C8E3



E3A186

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.



D4BC92



86C8E3



EDB0AD

Square

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



86C8E3



D8B3D9



E5B59B



A2C9A4

Rectangle

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



86C8E3



B3BDEA



E5B59B



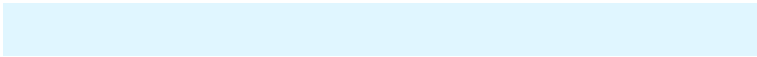
C4C193

Sweetspot

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



86C8E3



E0F6FF



86E3A0



6E7A80



000000



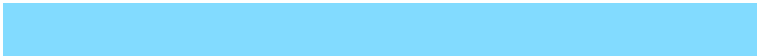
808080

Same Dimension

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



86C8E3



82DBFF



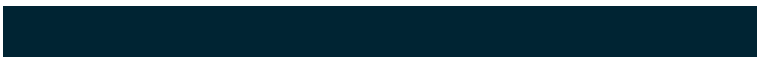
869AE3



676F73



007FB3



002433

Inverse Universe

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



E386C8



FF82DB



E3CF86



73676F



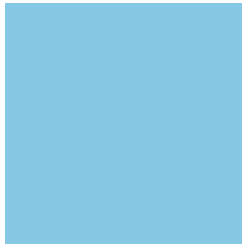
B3007F



330024

Previews

White Background



This preview shows how the Hex color 86C8E3 looks on a white background.

Color Contrast Check

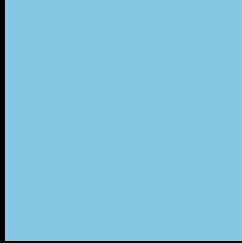
Large Text (above 18pt) WCAG AA × Fail

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 86C8E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

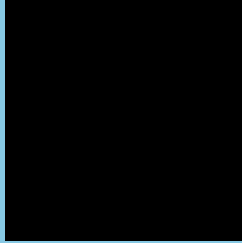
Any Text WCAG AA ✓ Pass

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 86C8E3 Background



This preview shows how black text looks on a background with the Hex color 86C8E3.

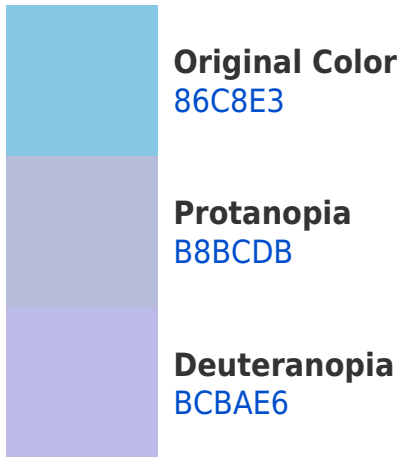


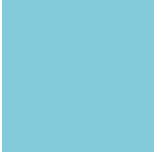
This preview shows how white text looks on a background with the Hex color 86C8E3.

Color Blindness Simulation

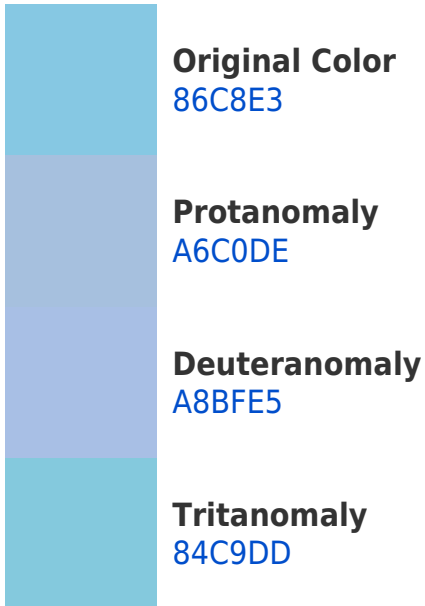
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

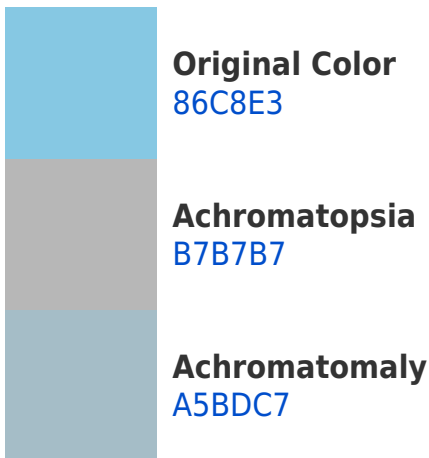




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86C8E3 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 #86C8E3 looks like.

```
.text, #text, p{  
    color:#86C8E3  
}
```

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 #86C8E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C8E3
}
```

Border

The CSS property to change the border of an element to Hex 86C8E3 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
#86C8E3 }
```

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

```
.border{ border-color:#86C8E3 }
```

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

Here you see how a box with a 4 pixel #86C8E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C8E3; -webkit-box-shadow:4px 4px  
4px 4px #86C8E3; box-shadow:4px 4px 4px  
4px #86C8E3 }
```

Background

The CSS property to change the background color of an element to Hex 86C8E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C8E3 }
```

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

```
.background{ background-color:#86C8E3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor