

Converting Colors

Hex(86B1EC)

Have a look what the booklet for
Hex(86B1EC) contains.

Hex(86B1EC)	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(86B1EC)

Conversions

Conversions Part 1

Format	Color
Hex	86B1EC
RGB	134, 177, 236
RGB Percent	53%, 69%, 93%
CMY	0.4745, 0.3059, 0.0745
CMYK	0.43, 0.25, 0.00, 0.07
HSL	215°, 73%, 73%
HSV	215°, 43%, 93%
XYZ	40.6940, 42.5687, 85.4287
YIQ	170.8690, -44.5670, 9.2330

Conversions

Conversions Part 2

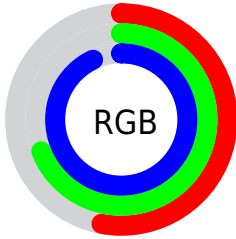
Format	Color
RYB	134, 164, 236
Decimal	8827372
CIELab	71.26, 0.72, -34.01
CIElCh	71, 34.021, 271.217
Yxy	42.5687, 0.2412, 0.2523
Android (android.graphics.Color)	4287017452 (0xFF86B1EC)
YUV	170.8690, 32.1096, -32.3341
Hunter-Lab	65.2447, -2.8455, -31.9605

Details

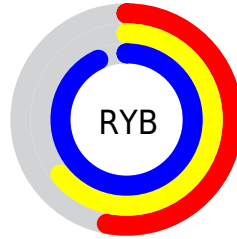
The Hex color **86B1EC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **ECC186**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **BFE8FF**, and **4E7DB4** is the 20% darker color. If you saturate the color by 10%, you get **6EA3EC**, and if you desaturate by 10%, it is **9EBFEC**.

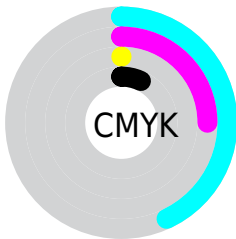
Distribution



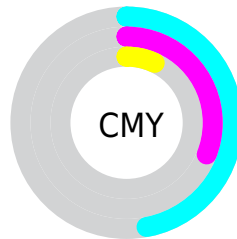
- Red (53%)
- Green (69%)
- Blue (93%)



- Red (53%)
- Yellow (64%)
- Blue (93%)



- Cyan (43%)
- Magenta (25%)
- Yellow (0%)
- Black (7%)



- Cyan (47%)
- Magenta (31%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86B1EC 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 86B1EC by changing the saturation by 10% instead.

 86B1EC

 86B1EC

FFFFFF

 6A96D0

 BFE8FF

 4E7DB4

 DCFFFF

 316499

 F9FFFF

 074C7F

 003665

 00214D

 000936

 000220

 000004

■ 86B1EC

■ 86B1EC

■ 6EA3EC

■ 9EBFEC

■ 5796EC

■ B5CCEC

■ 3F88EC

■ CDDAEC

■ 287AEC

■ E4E8EC

■ 106DEC

■ FCF5EC

■ 0063EC

■ FFFFEC

Harmonies

Analogous

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



57BAE4



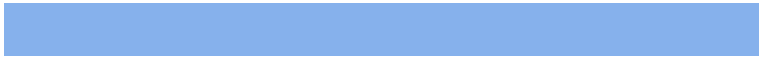
86B1EC



B4A6E3

Triad

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



86B1EC



EA9A90



7DBD90

Complementary

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



86B1EC



ECC186

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.



A2B679



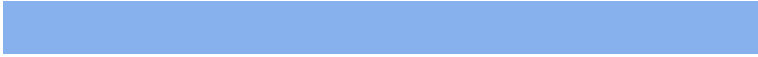
86B1EC



DCA279

Square

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



86B1EC



E997AE



C2AD70



58BFAF

Rectangle

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



86B1EC



CD9FD6



C2AD70



8ABB87

Sweetspot

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



86B1EC



DEECFF



86ECC0



6B7480



000000



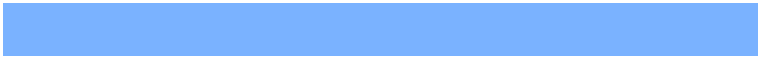
808080

Same Dimension

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



86B1EC



7AB2FF



8D86EC



6A6F75



004CB5



001736

Inverse Universe

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



EC86B1



FF7AB2



E5EC86



756A6F



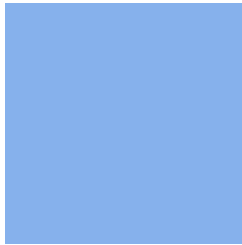
B5004C



360017

Previews

White Background



This preview shows how the Hex color 86B1EC 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 86B1EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

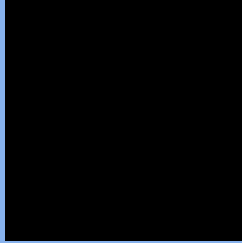
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

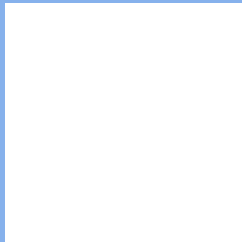
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 86B1EC Background



This preview shows how black text looks on a background with the Hex color 86B1EC.

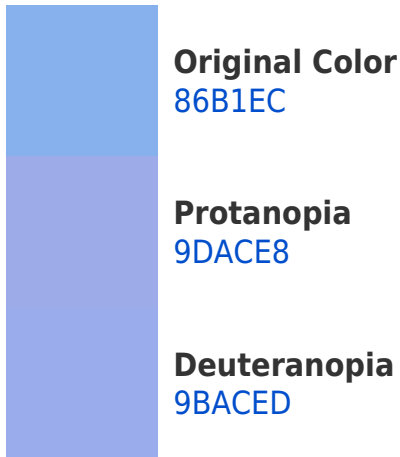


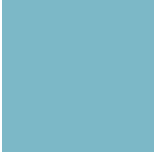
This preview shows how white text looks on a background with the Hex color 86B1EC.

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](#).

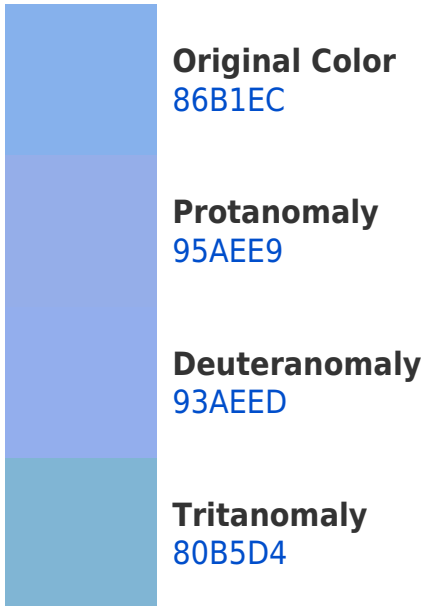
Dichromacy



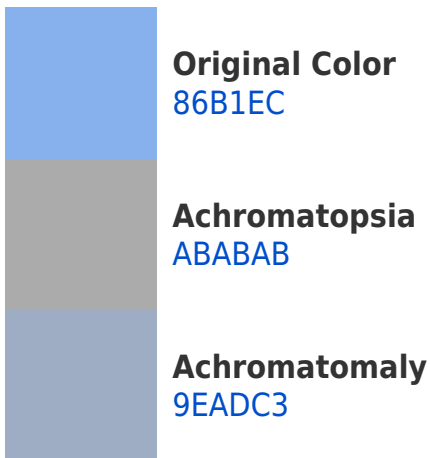


Tritanopia
7CB8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86B1EC 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 #86B1EC looks like.

```
.text, #text, p{  
    color:#86B1EC  
}
```

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 #86B1EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86B1EC
}
```

Border

The CSS property to change the border of an element to Hex 86B1EC is called "border". The border property can be set on classes, ids or directly on the HTML element.

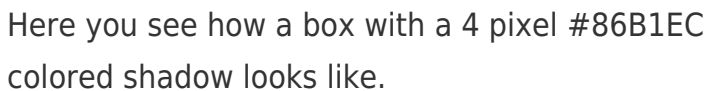
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86B1EC }
```

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

```
.border{ border-color:#86B1EC }
```

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



Here you see how a box with a 4 pixel #86B1EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86B1EC; -webkit-box-shadow:4px 4px  
4px 4px #86B1EC; box-shadow:4px 4px 4px  
4px #86B1EC }
```

Background

The CSS property to change the background color of an element to Hex 86B1EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86B1EC }
```

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

```
.background{ background-color:#86B1EC }
```

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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