

# Converting Colors

Hex(86B3EC)

Have a look what the booklet for  
Hex(86B3EC) contains.

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# **Color**

**Hex(86B3EC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86B3EC
RGB	134, 179, 236
RGB Percent	53%, 70%, 93%
CMY	0.4745, 0.2980, 0.0745
CMYK	0.43, 0.24, 0.00, 0.07
HSL	214°, 73%, 73%
HSV	214°, 43%, 93%
XYZ	41.0919, 43.3647, 85.5613
YIQ	172.0430, -45.1170, 8.1870

# Conversions

## Conversions Part 2

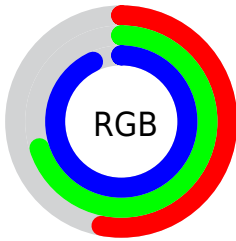
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 165, 236</a>
Decimal	<a href="#">8827884</a>
CIELab	<a href="#">71.80, -0.38, -33.18</a>
CIELCh	<a href="#">72, 33.179, 269.339</a>
Yxy	<a href="#">43.3647, 0.2417, 0.2551</a>
Android (android.graphics.Color)	<a href="#">4287017964 (0xFF86B3EC)</a>
YUV	<a href="#">172.0430, 31.5308, -33.3637</a>
Hunter-Lab	<a href="#">65.8518, -3.8557, -30.9392</a>

# Details

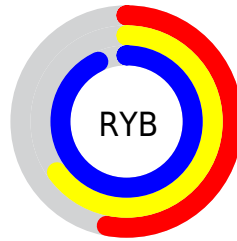
The Hex color **86B3EC** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **ECBF86**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **BFEBFF**, and **4E7FB4** is the 20% darker color. If you saturate the color by 10%, you get **6EA6EC**, and if you desaturate by 10%, it is **9EC0EC**.

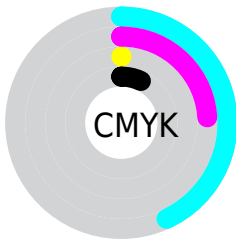
# Distribution



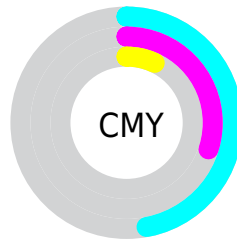
- Red (53%)
- Green (70%)
- Blue (93%)



- Red (53%)
- Yellow (65%)
- Blue (93%)



- Cyan (43%)
- Magenta (24%)
- Yellow (0%)
- Black (7%)



- Cyan (47%)
- Magenta (30%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86B3EC 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 86B3EC by changing the saturation by 10% instead.



 86B3EC

 86B3EC

FFFFFF

 6A98D0


 BFE8FF

 4E7FB4

 DCFFFF

 306699

 F9FFFF

 064E7F

 003766

 00224D

 000B36

 000220

 000004

86B3EC

86B3EC

6EA6EC

9EC0EC

5799EC

B5CDEC

3F8BEC

CDDBEC

287EEC

E4E8EC

1071EC

FCF5EC

0068EC

FFFFEC

# Harmonies

## Analogous

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



5ABBE3



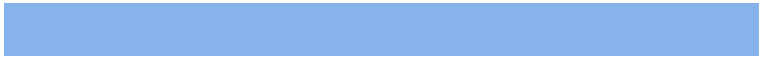
86B3EC



B3A8E5

# Triad

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



86B3EC



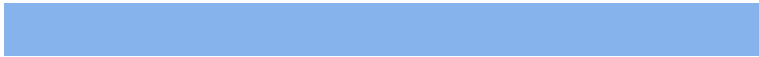
EB9B94



82BD90

# Complementary

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



86B3EC



ECBF86

# 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.



A6B77A



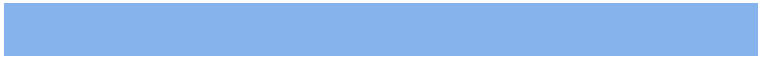
86B3EC



DEA37D

# Square

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



86B3EC



E999B2



C5AE73



5FC0AE

# Rectangle

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



86B3EC



CCA1D8



C5AE73

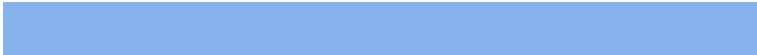


8EBC88

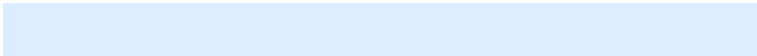


# Sweetspot

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



86B3EC



DEECFF



86ECBE



6B7480



000000



808080

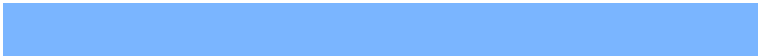


# Same Dimension

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



86B3EC



7AB5FF



8B86EC



6A6F75



0050B5



001836



# Inverse Universe

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



EC86B3



FF7AB5



E7EC86



756A6F



B50050

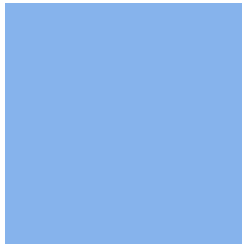


360018



# Previews

## White Background



This preview shows how the Hex color 86B3EC looks on a white background.

## Color Contrast Check

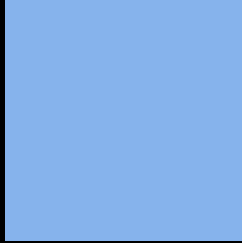
Large Text (above 18pt) WCAG AA × Fail

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 86B3EC 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

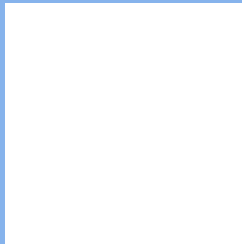
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 86B3EC Background



This preview shows how black text looks on a background with the Hex color 86B3EC.

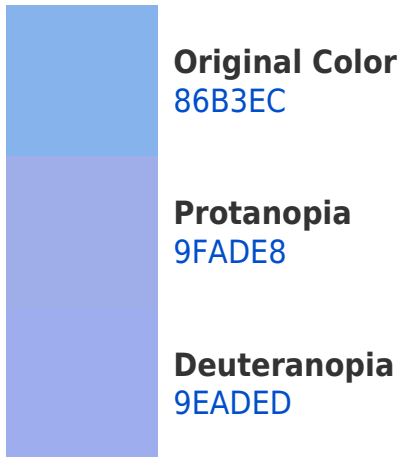


This preview shows how white text looks on a background with the Hex color 86B3EC.

# Color Blindness Simulation

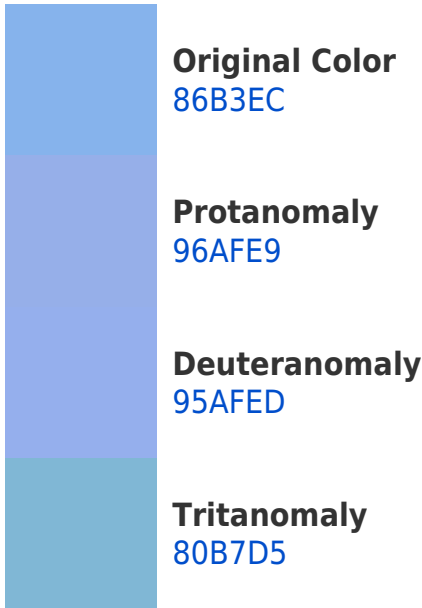
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

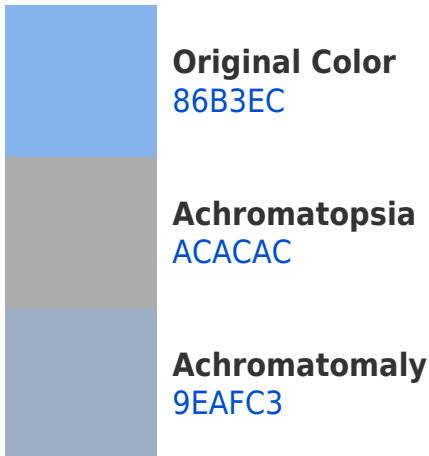




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86B3EC 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 #86B3EC looks like.

```
.text, #text, p{  
    color:#86B3EC  
}
```

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 #86B3EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86B3EC
}
```

## Border

The CSS property to change the border of an element to Hex 86B3EC 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
#86B3EC }
```

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

```
.border{ border-color:#86B3EC }
```

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

Here you see how a box with a 4 pixel #86B3EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86B3EC; -webkit-box-shadow:4px 4px  
4px 4px #86B3EC; box-shadow:4px 4px 4px  
4px #86B3EC }
```

# Background

The CSS property to change the background color of an element to Hex 86B3EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86B3EC }
```

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

```
.background{ background-color:#86B3EC }
```

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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