

Converting Colors

Hex(86B3E0)

Have a look what the booklet for
Hex(86B3E0) contains.

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Color

Hex(86B3E0)

Conversions

Conversions Part 1

Format	Color
Hex	86B3E0
RGB	134, 179, 224
RGB Percent	53%, 70%, 88%
CMY	0.4745, 0.2980, 0.1216
CMYK	0.40, 0.20, 0.00, 0.12
HSL	210°, 59%, 70%
HSV	210°, 40%, 88%
XYZ	39.4062, 42.6904, 76.6841
YIQ	170.6750, -41.2650, 4.4550

Conversions

Conversions Part 2

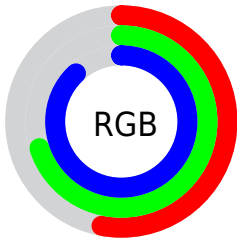
Format	Color
RYB	134, 164, 224
Decimal	8827872
CIELab	71.34, -3.65, -27.35
CIElCh	71, 27.591, 262.392
Yxy	42.6904, 0.2482, 0.2689
Android (android.graphics.Color)	4287017952 (0xFF86B3E0)
YUV	170.6750, 26.2892, -32.1640
Hunter-Lab	65.3379, -6.6854, -23.8496

Details

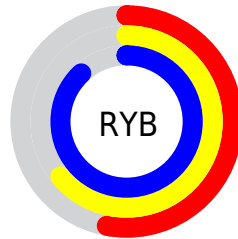
The Hex color **86B3E0** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E0B386**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **BEEBFF**, and **4F7EA9** is the 20% darker color. If you saturate the color by 10%, you get **70A8E0**, and if you desaturate by 10%, it is **9CBEE0**.

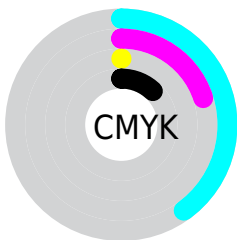
Distribution



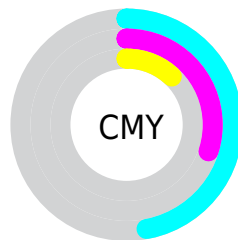
- Red (53%)
- Green (70%)
- Blue (88%)



- Red (53%)
- Yellow (64%)
- Blue (88%)



- Cyan (40%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)



- Cyan (47%)
- Magenta (30%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86B3E0 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 86B3E0 by changing the saturation by 10% instead.

 86B3E0

 86B3E0

FFFFFF

 6B98C4

 BEEBFF

 4F7EA9

 DBFFFF

 33668E

 F8FFFF

 124E74

 00375C

 002244

 000B2D

 000118

 000000

86B3E0

86B3E0

70A8E0

9CBEE0

599DE0

B3C9E0

4391E0

C9D5E0

2C86E0

E0E0E0

167BE0

F6EBE0

0070E0

FFF6E0

FFFFE0

Harmonies

Analogous

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



69B9D6



86B3E0



AAABDD

Triad

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



86B3E0



E29D9D



90B98F

Complementary

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



86B3E0



E0B386

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.



ADB380



86B3E0



DAA388

Square

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



86B3E0



DC9DB6



C7AB7D



75BCA7

Rectangle

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



86B3E0



C0A5D4



C7AB7D



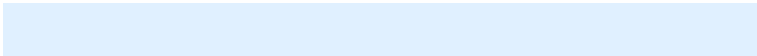
9AB789

Sweetspot

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



86B3E0



E0F0FF



86E0B3



6E7780



000000



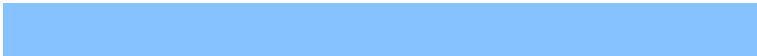
808080

Same Dimension

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



86B3E0



85C2FF



8686E0



656B70



0058B0



001830

Inverse Universe

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



E086B3



FF85C2



E0E086



70656B



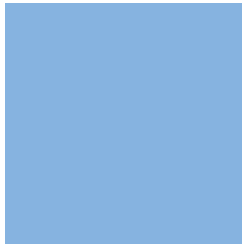
B00058



300018

Previews

White Background



This preview shows how the Hex color 86B3E0 looks on a white background.

Color Contrast Check

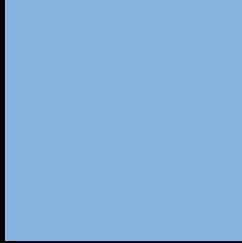
Large Text (above 18pt) WCAG AA × Fail

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 86B3E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

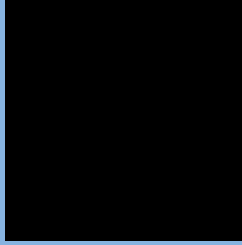
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

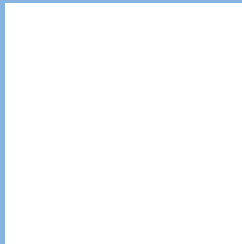
Any Text WCAG AAA ✓ Pass

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

Hex 86B3E0 Background



This preview shows how black text looks on a background with the Hex color 86B3E0.

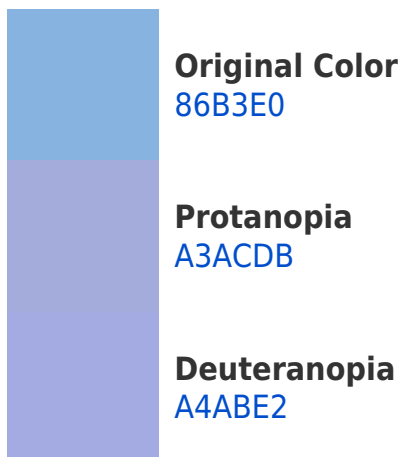


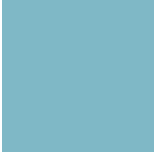
This preview shows how white text looks on a background with the Hex color 86B3E0.

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](#).

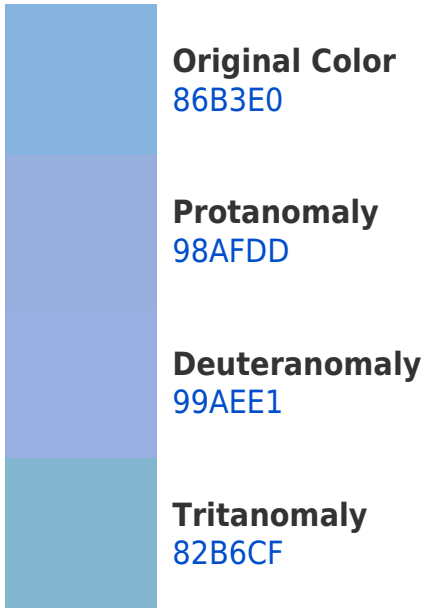
Dichromacy





Tritanopia
7FB8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86B3E0 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 #86B3E0 looks like.

```
.text, #text, p{  
    color:#86B3E0  
}
```

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 #86B3E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86B3E0
}
```

Border

The CSS property to change the border of an element to Hex 86B3E0 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
#86B3E0 }
```

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

```
.border{ border-color:#86B3E0 }
```

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

Here you see how a box with a 4 pixel #86B3E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86B3E0; -webkit-box-shadow:4px 4px  
4px 4px #86B3E0; box-shadow:4px 4px 4px  
4px #86B3E0 }
```

Background

The CSS property to change the background color of an element to Hex 86B3E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86B3E0 }
```

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

```
.background{ background-color:#86B3E0 }
```

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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