

Converting Colors

Hex(85B2E0)

Have a look what the booklet for
Hex(85B2E0) contains.

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Color

Hex(85B2E0)

Conversions

Conversions Part 1

Format	Color
Hex	85B2E0
RGB	133, 178, 224
RGB Percent	52%, 70%, 88%
CMY	0.4784, 0.3020, 0.1216
CMYK	0.41, 0.21, 0.00, 0.12
HSL	210°, 59%, 70%
HSV	210°, 41%, 88%
XYZ	39.0478, 42.2092, 76.6102
YIQ	169.7890, -41.5860, 4.7660

Conversions

Conversions Part 2

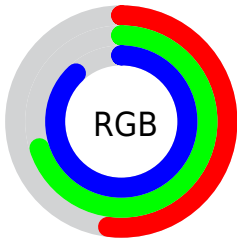
Format	Color
R _Y B	133, 163, 224
Decimal	8762080
CIE Lab	71.01, -3.37, -27.86
CIE LCh	71, 28.062, 263.109
Yxy	42.2092, 0.2473, 0.2674
Android (android.graphics.Color)	4286952160 (0xFF85B2E0)
YUV	169.7890, 26.7260, -32.2640
Hunter-Lab	64.9686, -6.4118, -24.4360

Details

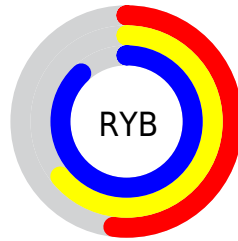
The Hex color **85B2E0** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E0B385**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **BDEAFF**, and **4E7EA9** is the 20% darker color. If you saturate the color by 10%, you get **6FA7E0**, and if you desaturate by 10%, it is **9BBDE0**.

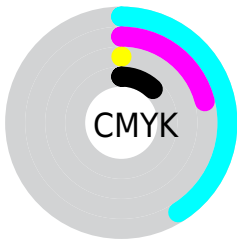
Distribution



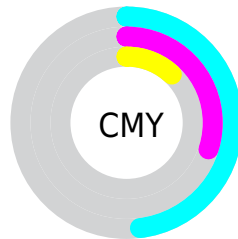
- Red (52%)
- Green (70%)
- Blue (88%)



- Red (52%)
- Yellow (64%)
- Blue (88%)



- Cyan (41%)
- Magenta (21%)
- Yellow (0%)
- Black (12%)



- Cyan (48%)
- Magenta (30%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85B2E0 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 85B2E0 by changing the saturation by 10% instead.

 85B2E0

 85B2E0

FFFFFF

 6A97C4

 BDEAFF

 4E7EA9

 DAFFFF

 32658E

 F7FFFF

 104D74

 00365C

 002144

 000A2D

 000118

 000000

 85B2E0

 85B2E0

 6FA7E0

 9BBDE0

 589BE0

 B2C9E0

 4290E0


 C8D4E0

 2B85E0

 DFD FE0

 1579E0

 F5EBE0

 006FE0

 FFF6E0

 FFFF E0

Harmonies

Analogous

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



67B8D6



85B2E0



AAA9DD

Triad

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



85B2E0



E19C9B



8EB88E

Complementary

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



85B2E0



E0B385

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.



ACB27E



85B2E0



D9A286

Square

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



85B2E0



DC9CB5



C6AA7B



72BCA7

Rectangle

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



85B2E0



C0A3D3



C6AA7B



98B788

Sweetspot

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



85B2E0



E0F0FF



85E0B3



6E7680



000000



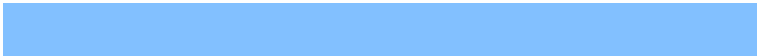
808080

Same Dimension

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



85B2E0



82C0FF



8585E0



656B70



0057B0



001830

Inverse Universe

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



E085B2



FF82C0



E0E085



70656B



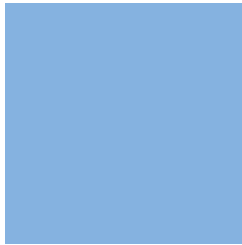
B00057



300018

Previews

White Background



This preview shows how the Hex color 85B2E0 looks on a white background.

Color Contrast Check

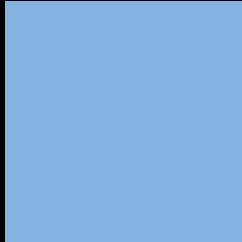
Large Text (above 18pt) WCAG AA × Fail

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 85B2E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

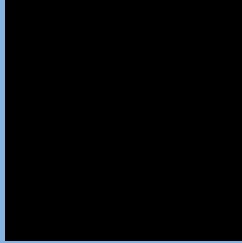
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

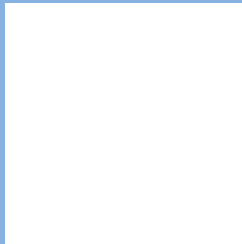
Any Text WCAG AAA ✓ Pass

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

Hex 85B2E0 Background



This preview shows how black text looks on a background with the Hex color 85B2E0.

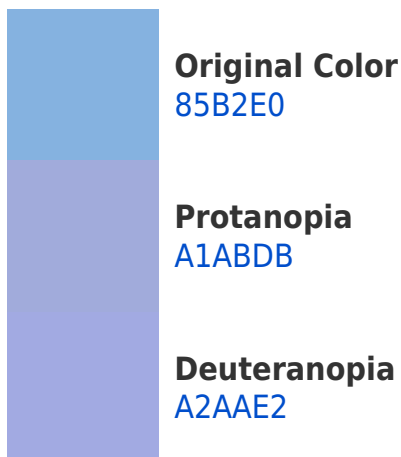


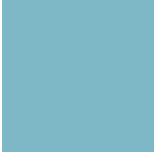
This preview shows how white text looks on a background with the Hex color 85B2E0.

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](#).

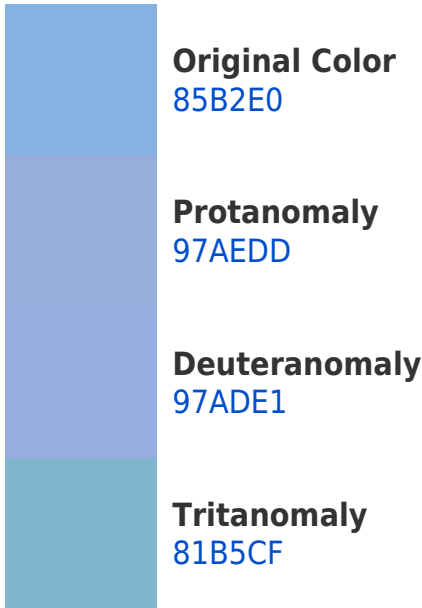
Dichromacy



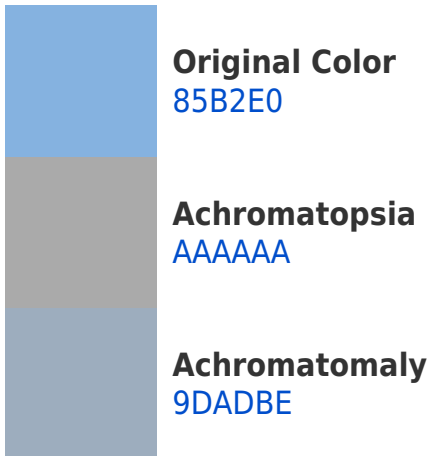


Tritanopia
7EB7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85B2E0 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 #85B2E0 looks like.

```
.text, #text, p{  
    color:#85B2E0  
}
```

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 #85B2E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85B2E0  
}
```

Border

The CSS property to change the border of an element to Hex 85B2E0 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  
#85B2E0 }
```

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

```
.border{ border-color:#85B2E0 }
```

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

Here you see how a box with a 4 pixel #85B2E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85B2E0; -webkit-box-shadow:4px 4px  
4px 4px #85B2E0; box-shadow:4px 4px 4px  
4px #85B2E0 }
```

Background

The CSS property to change the background color of an element to Hex 85B2E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85B2E0 }
```

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

```
.background{ background-color:#85B2E0 }
```

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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