

Converting Colors

Hex(83B2E8)

Have a look what the booklet for
Hex(83B2E8) contains.

Hex(83B2E8)	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(83B2E8)

Conversions

Conversions Part 1

Format	Color
Hex	83B2E8
RGB	131, 178, 232
RGB Percent	51%, 70%, 91%
CMY	0.4863, 0.3020, 0.0902
CMYK	0.44, 0.23, 0.00, 0.09
HSL	212°, 69%, 71%
HSV	212°, 44%, 91%
XYZ	39.8460, 42.4923, 82.4457
YIQ	170.1030, -45.3460, 6.8300

Conversions

Conversions Part 2

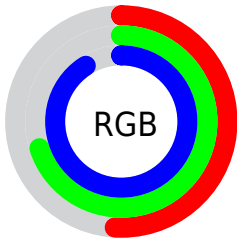
Format	Color
RYB	131, 163, 232
Decimal	8631016
CIELab	71.21, -1.69, -31.93
CIELCh	71, 31.976, 266.974
Yxy	42.4923, 0.2418, 0.2579
Android (android.graphics.Color)	4286821096 (0xFF83B2E8)
YUV	170.1030, 30.5152, -34.2933
Hunter-Lab	65.1861, -4.9650, -29.3581

Details

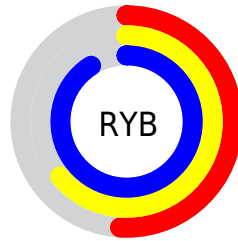
The Hex color **83B2E8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E8B983**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **BCEAFF**, and **4B7EB0** is the 20% darker color. If you saturate the color by 10%, you get **6CA6E8**, and if you desaturate by 10%, it is **9ABEE8**.

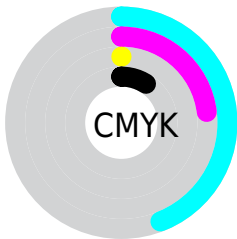
Distribution



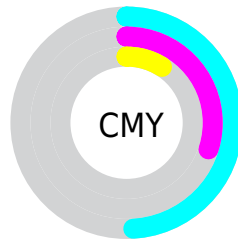
- Red (51%)
- Green (70%)
- Blue (91%)



- Red (51%)
- Yellow (64%)
- Blue (91%)



- Cyan (44%)
- Magenta (23%)
- Yellow (0%)
- Black (9%)



- Cyan (49%)
- Magenta (30%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83B2E8 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 83B2E8 by changing the saturation by 10% instead.

 83B2E8

 83B2E8

FFFFFF

 6797CC

 BCEAFF

 4B7EB0

 D8FFFF

 2D6595

 F6FFFF

 004D7B

 003662

 00214A

 000A33

 00021D

 000000

 83B2E8

 83B2E8

 6CA6E8

 9ABEE8

 5599E8

 B1CBE8

 3D8DE8

 C9D7E8

 2680E8

 E0E4E8

 0F74E8

 F7F0E8

 006CE8

 FFFCE8

 FFFFE8

Harmonies

Analogous

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



5BBADE



83B2E8



AEA8E2

Triad

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



83B2E8



E89A95



85BB8E

Complementary

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



83B2E8



E8B983

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.



A7B57A



83B2E8



DCA27E

Square

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



83B2E8



E599B2



C5AB74



64BEAA

Rectangle

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



83B2E8



C7A1D6



C5AB74



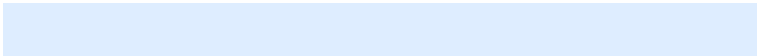
91B986

Sweetspot

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



83B2E8



DEEDFF



83E8B9



6B7580



000000



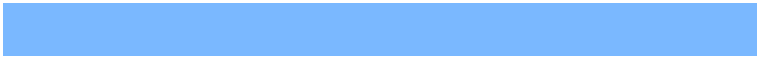
808080

Same Dimension

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



83B2E8



7AB8FF



8683E8



676D73



0053B3



001833

Inverse Universe

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



E883B2



FF7AB8



E5E883



73676D



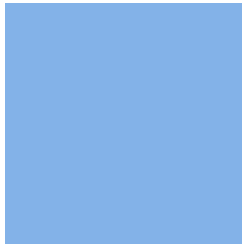
B30053



330018

Previews

White Background



This preview shows how the Hex color 83B2E8 looks on a white background.

Color Contrast Check

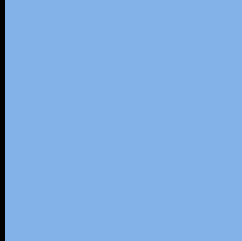
Large Text (above 18pt) WCAG AA × Fail

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 83B2E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

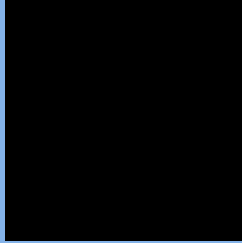
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

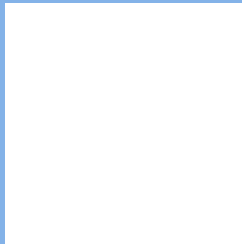
Any Text WCAG AAA ✓ Pass

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

Hex 83B2E8 Background



This preview shows how black text looks on a background with the Hex color 83B2E8.

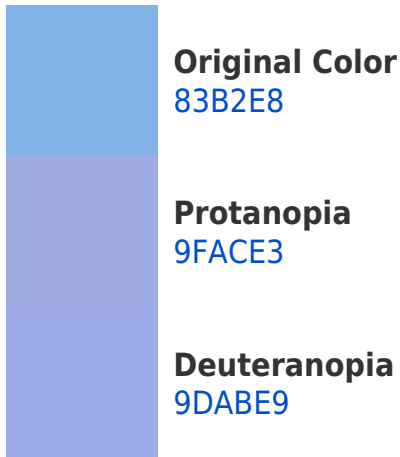


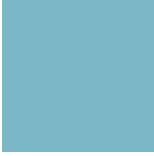
This preview shows how white text looks on a background with the Hex color 83B2E8.

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](#).

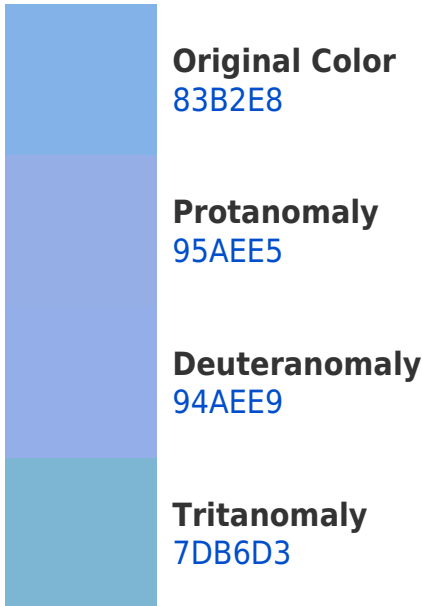
Dichromacy



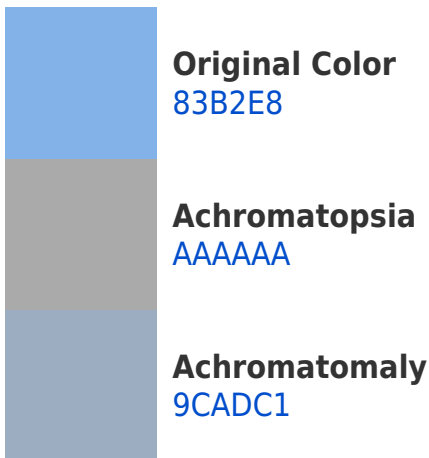


Tritanopia
7AB8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83B2E8 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 #83B2E8 looks like.

```
.text, #text, p{  
    color:#83B2E8  
}
```

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 #83B2E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B2E8  
}
```

Border

The CSS property to change the border of an element to Hex 83B2E8 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  
#83B2E8 }
```

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

```
.border{ border-color:#83B2E8 }
```

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

Here you see how a box with a 4 pixel #83B2E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B2E8; -webkit-box-shadow:4px 4px  
4px 4px #83B2E8; box-shadow:4px 4px 4px  
4px #83B2E8 }
```

Background

The CSS property to change the background color of an element to Hex 83B2E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B2E8 }
```

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

```
.background{ background-color:#83B2E8 }
```

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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