

Converting Colors

Hex(83B2E2)

Have a look what the booklet for
Hex(83B2E2) contains.

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Color

Hex(83B2E2)

Conversions

Conversions Part 1

Format	Color
Hex	83B2E2
RGB	131, 178, 226
RGB Percent	51%, 70%, 89%
CMY	0.4863, 0.3020, 0.1137
CMYK	0.42, 0.21, 0.00, 0.11
HSL	210°, 62%, 70%
HSV	210°, 42%, 89%
XYZ	39.0079, 42.1571, 78.0327
YIQ	169.4190, -43.4200, 4.9640

Conversions

Conversions Part 2

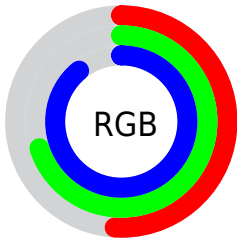
Format	Color
RYB	131, 162, 226
Decimal	8631010
CIELab	70.98, -3.34, -29.02
CIELCh	71, 29.207, 263.435
Yxy	42.1571, 0.2450, 0.2648
Android (android.graphics.Color)	4286821090 (0xFF83B2E2)
YUV	169.4190, 27.8944, -33.6935
Hunter-Lab	64.9285, -6.3850, -25.8063

Details

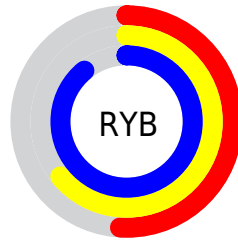
The Hex color **83B2E2** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E2B383**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **BBEAFF**, and **4C7EAA** is the 20% darker color. If you saturate the color by 10%, you get **6CA7E2**, and if you desaturate by 10%, it is **9ABDE2**.

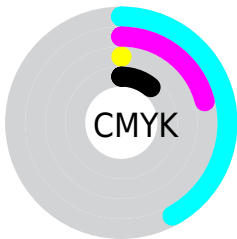
Distribution



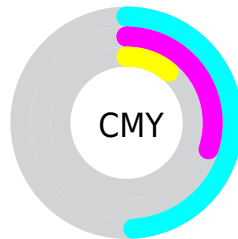
- Red (51%)
- Green (70%)
- Blue (89%)



- Red (51%)
- Yellow (64%)
- Blue (89%)



- Cyan (42%)
- Magenta (21%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (30%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83B2E2 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 83B2E2 by changing the saturation by 10% instead.

 83B2E2

 83B2E2

FFFFFF

 6797C6

 BBEAFF

 4C7EAA

 D8FFFF

 2F6590

 F5FFFF

 074D76

 00365D

 002145

 000A2F

 000119

 000000

■ 83B2E2

■ 83B2E2

■ 6CA7E2

■ 9ABDE2

■ 569BE2

■ B0C9E2

■ 3F90E2

■ C7D4E2

■ 2984E2

■ DDE0E2

■ 1279E2

■ F4EBE2

■ 0070E2

■ FFF7E2

■ FFFE2

Harmonies

Analogous

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



63B9D8



83B2E2



AAA9DE

Triad

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



83B2E2



E39B9A



8CB98D

Complementary

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



83B2E2



E2B383

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.



ABB37C



83B2E2



DAA184

Square

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



83B2E2



DE9BB5



C6AA79



6FBCA7

Rectangle

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



83B2E2



C0A3D4



C6AA79



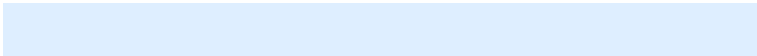
97B786

Sweetspot

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



83B2E2



DDEEFF



83E2B3



6B7580



000000



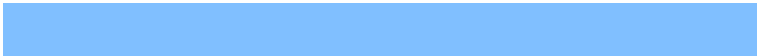
808080

Same Dimension

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



83B2E2



80BFFF



8383E2



656B70



0057B0



001830

Inverse Universe

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



E283B2



FF80BF



E2E283



70656B



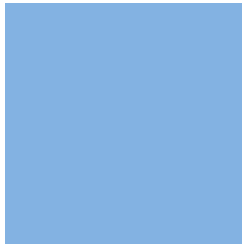
B00057



300018

Previews

White Background



This preview shows how the Hex color 83B2E2 looks on a white background.

Color Contrast Check

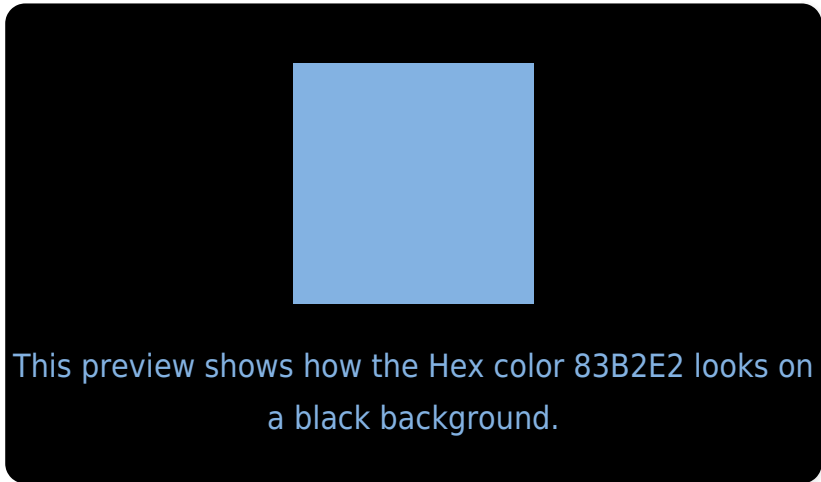
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

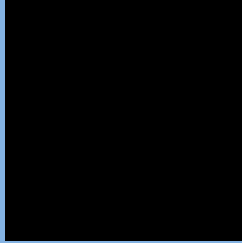
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

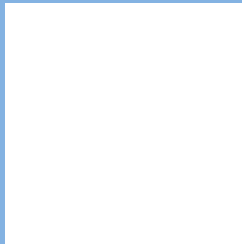
Any Text WCAG AAA ✓ Pass

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

Hex 83B2E2 Background



This preview shows how black text looks on a background with the Hex color 83B2E2.

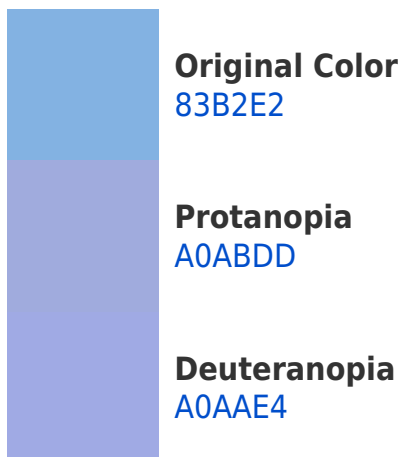


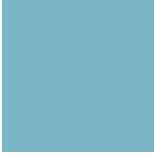
This preview shows how white text looks on a background with the Hex color 83B2E2.

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](#).

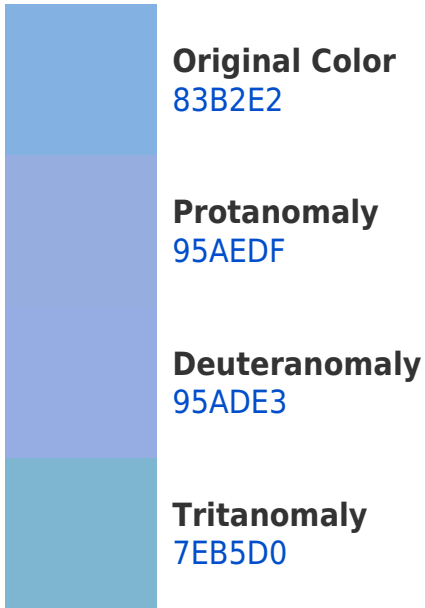
Dichromacy



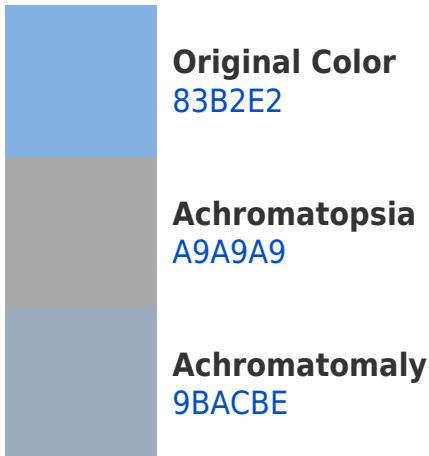


Tritanopia
7BB7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83B2E2 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 #83B2E2 looks like.

```
.text, #text, p{  
    color:#83B2E2  
}
```

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 #83B2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B2E2
}
```

Border

The CSS property to change the border of an element to Hex 83B2E2 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
#83B2E2 }
```

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

```
.border{ border-color:#83B2E2 }
```

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

Here you see how a box with a 4 pixel #83B2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B2E2; -webkit-box-shadow:4px 4px  
4px 4px #83B2E2; box-shadow:4px 4px 4px  
4px #83B2E2 }
```

Background

The CSS property to change the background color of an element to Hex 83B2E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B2E2 }
```

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

```
.background{ background-color:#83B2E2 }
```

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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