

Converting Colors

Hex(83AEDE)

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

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Color

Hex(83AEDE)

Conversions

Conversions Part 1

Format	Color
Hex	83AEDE
RGB	131, 174, 222
RGB Percent	51%, 68%, 87%
CMY	0.4863, 0.3176, 0.1294
CMYK	0.41, 0.22, 0.00, 0.13
HSL	212°, 58%, 69%
HSV	212°, 41%, 87%
XYZ	37.6809, 40.3713, 74.9137
YIQ	166.6150, -41.0360, 5.8120

Conversions

Conversions Part 2

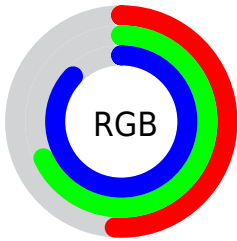
Format	Color
R_{YB}	131, 160, 222
Decimal	8629982
CIE _{Lab}	69.73, -2.23, -28.75
CIE _{LCh}	70, 28.833, 265.562
Yxy	40.3713, 0.2463, 0.2639
Android (android.graphics.Color)	4286820062 (0xFF83AEDE)
YUV	166.6150, 27.3048, -31.2344
Hunter-Lab	63.5384, -5.3343, -25.4278

Details

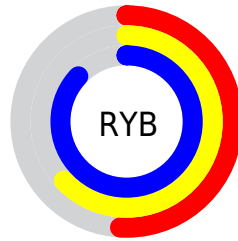
The Hex color **83AEDE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DEB383**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BBE5FF**, and **4C7AA7** is the 20% darker color. If you saturate the color by 10%, you get **6DA2DE**, and if you desaturate by 10%, it is **99BADE**.

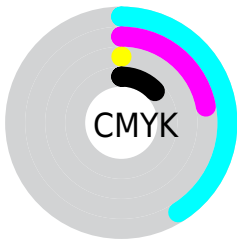
Distribution



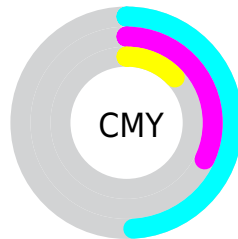
- Red (51%)
- Green (68%)
- Blue (87%)



- Red (51%)
- Yellow (63%)
- Blue (87%)



- Cyan (41%)
- Magenta (22%)
- Yellow (0%)
- Black (13%)



- Cyan (49%)
- Magenta (32%)
- Yellow (13%)

Brightness & Saturation Gradients

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

■ 83AEDE

■ 83AEDE

FFFFFF

■ 6893C2

■ BBE5FF

■ 4C7AA7

■ D8FFFF

■ 30618C

■ F5FFFF

■ 0C4972

■ 00335A

■ 001E42

■ 00032C

■ 000116

■ 000000

 83AEDE

 83AEDE

 6DA2DE

 99BADE

 5797DE

 AFC5DE

 408BDE

 C6D1DE

 2A7FDE

 DCDDDE

 1473DE

 F2E9DE

 0069DE

 FFF4DE

 FFFFDE

Harmonies

Analogous

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



62B5D5



83AEDE



A9A5D9

Triad

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



83AEDE



DF9895



87B68C

Complementary

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



83AEDE



DEB383

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.



A6B07B



83AEDE



D59F80

Square

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



83AEDE



DB97AF



C1A776



6AB9A5

Rectangle

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



83AEDE



BF9FCF



C1A776



92B485

Sweetspot

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



83AEDE



E0EFFF



83DEB2



6E7680



000000



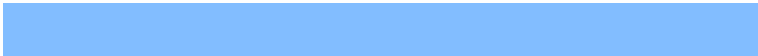
808080

Same Dimension

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



83AEDE



82BDFF



8583DE



656A70



0053B0



001730

Inverse Universe

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



DE83AE



FF82BD



DCDE83



70656A



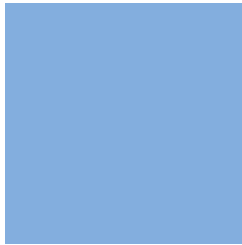
B00053



300017

Previews

White Background



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

Color Contrast Check

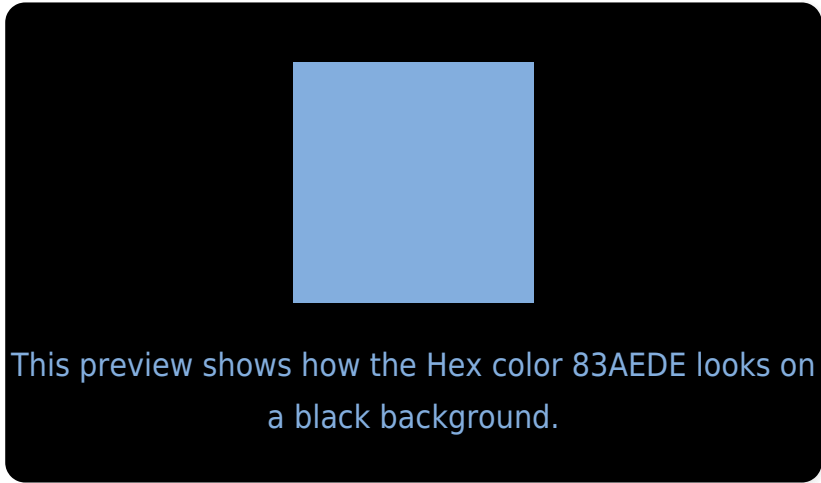
Large Text (above 18pt) WCAG AA × Fail

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

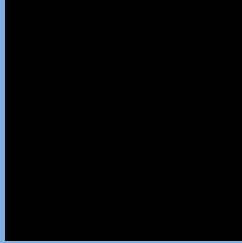
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

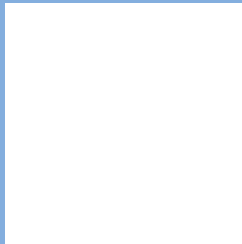
Any Text WCAG AAA ✓ Pass

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

Hex 83AEDE Background



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

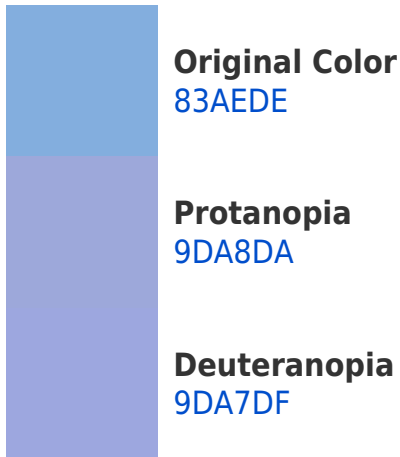


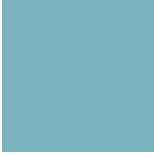
This preview shows how white text looks on a background with the Hex color 83AEDE.

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](#).

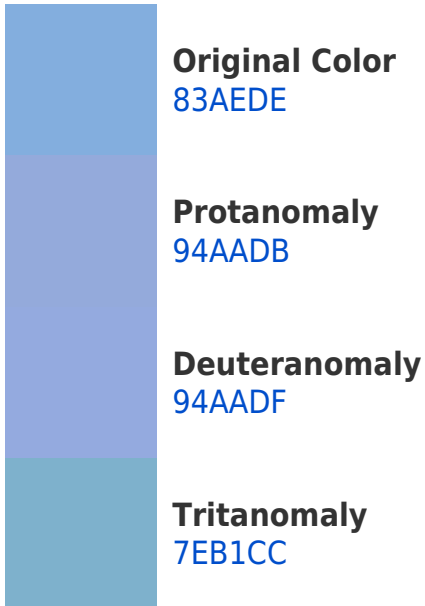
Dichromacy



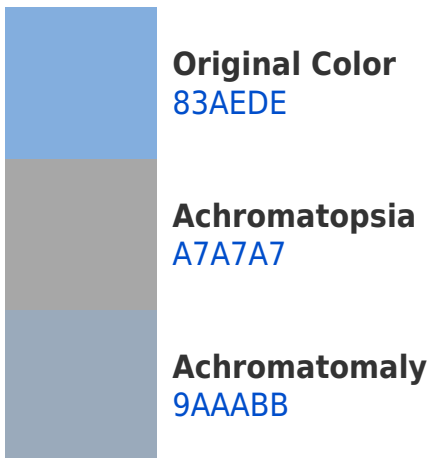


Tritanopia
7BB3C1

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #83AEDE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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