

Converting Colors

Hex(83AEDA)

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

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Color

Hex(83AEDA)

Conversions

Conversions Part 1

Format	Color
Hex	83AEDA
RGB	131, 174, 218
RGB Percent	51%, 68%, 85%
CMY	0.4863, 0.3176, 0.1451
CMYK	0.40, 0.20, 0.00, 0.15
HSL	210°, 54%, 68%
HSV	210°, 40%, 85%
XYZ	37.1510, 40.1594, 72.1231
YIQ	166.1590, -39.7520, 4.5680

Conversions

Conversions Part 2

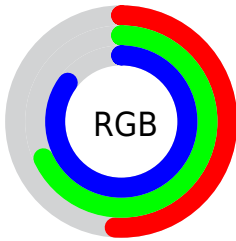
Format	Color
R _Y B	131, 160, 218
Decimal	8629978
CIE Lab	69.58, -3.31, -26.79
CIE LCh	70, 26.989, 262.949
Yxy	40.1594, 0.2486, 0.2687
Android (android.graphics.Color)	4286820058 (0xFF83AEDA)
YUV	166.1590, 25.5576, -30.8344
Hunter-Lab	63.3714, -6.2557, -23.1181

Details

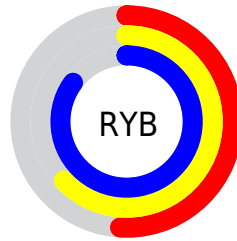
The Hex color **83AEDA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DAAF83**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BBE5FF**, and **4D7AA3** is the 20% darker color. If you saturate the color by 10%, you get **6DA3DA**, and if you desaturate by 10%, it is **99B9DA**.

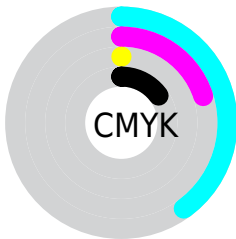
Distribution



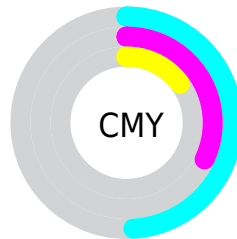
- Red (51%)
- Green (68%)
- Blue (85%)



- Red (51%)
- Yellow (63%)
- Blue (85%)



- Cyan (40%)
- Magenta (20%)
- Yellow (0%)
- Black (15%)



- Cyan (49%)
- Magenta (32%)
- Yellow (15%)

Brightness & Saturation Gradients

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

■ 83AEDA

FFFFFF

■ BBE5FF

■ D7FFFF

■ F5FFFF

■ 83AEDA

■ 6893BE

■ 4D7AA3

■ 316189

■ 0F496F

■ 003356

■ 001E3F

■ 000329

■ 000113

■ 000000

83AEDA

83AEDA

6DA3DA

99B9DA

5798DA

AFC4DA

428DDA

C4CFDA

2C82DA

DADADA

1677DA

F0E5DA

006CDA

FFF0DA

FFFBDA

FFFFDA

Harmonies

Analogous

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



67B4D0



83AEDA



A6A6D7

Triad

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



83AEDA



DC9998



8CB48C

Complementary

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



83AEDA



DAAF83

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.



A8AE7D



83AEDA



D39E84

Square

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



83AEDA



D799B1



C1A67A



71B7A3

Rectangle

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



83AEDA



BBA0CE



C1A67A



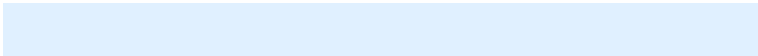
95B286

Sweetspot

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



83AEDA



E0F0FF



83DAAF



6E7680



000000



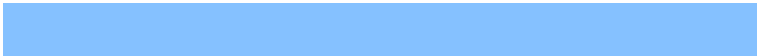
808080

Same Dimension

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



83AEDA



85C1FF



8383DA



63686E



0056AD



00172E

Inverse Universe

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



DA83AE



FF85C1



DADA83



6E6368



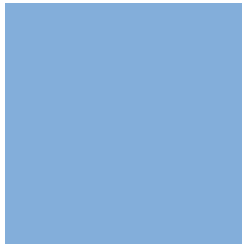
AD0056



2E0017

Previews

White Background



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

Color Contrast Check

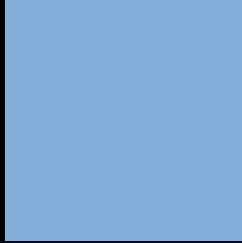
Large Text (above 18pt) WCAG AA × Fail

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 83AEDA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

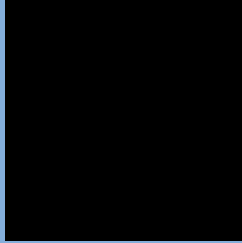
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

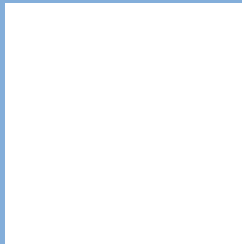
Any Text WCAG AAA ✓ Pass

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

Hex 83AEDA Background



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

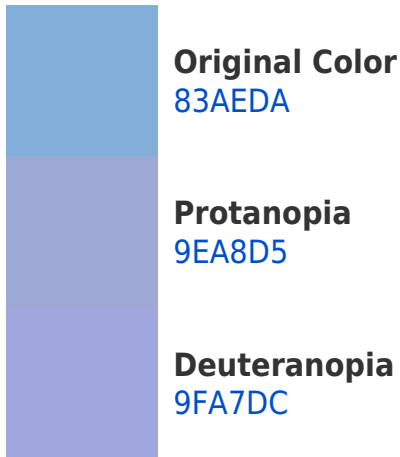


This preview shows how white text looks on a background with the Hex color 83AEDA.

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](#).

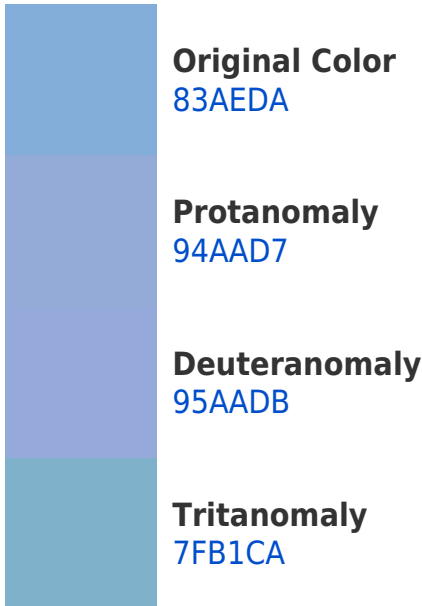
Dichromacy



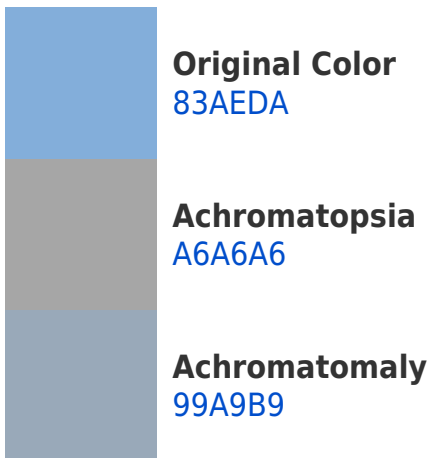


Tritanopia
7CB2C1

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #83AEDA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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