

Converting Colors

Hex(83A2D3)

Have a look what the booklet for
Hex(83A2D3) contains.

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Color

Hex(83A2D3)

Conversions

Conversions Part 1

Format	Color
Hex	83A2D3
RGB	131, 162, 211
RGB Percent	51%, 64%, 83%
CMY	0.4863, 0.3647, 0.1725
CMYK	0.38, 0.23, 0.00, 0.17
HSL	217°, 48%, 67%
HSV	217°, 38%, 83%
XYZ	34.0383, 35.3691, 66.6609
YIQ	158.3170, -34.2050, 8.6670

Conversions

Conversions Part 2

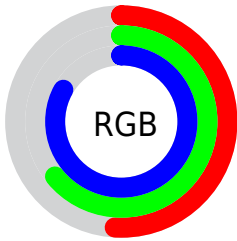
Format	Color
RYB	131, 153, 211
Decimal	8626899
CIELab	66.04, 1.47, -28.38
CIELCh	66, 28.423, 272.965
Yxy	35.3691, 0.2502, 0.2599
Android (android.graphics.Color)	4286816979 (0xFF83A2D3)
YUV	158.3170, 25.9727, -23.9570
Hunter-Lab	59.4719, -1.9129, -24.8267

Details

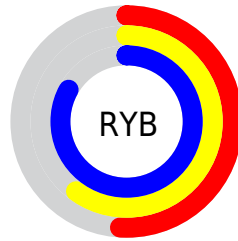
The Hex color **83A2D3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D3B483**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BAD9FF**, and **4E6F9C** is the 20% darker color. If you saturate the color by 10%, you get **6E95D3**, and if you desaturate by 10%, it is **98AFD3**.

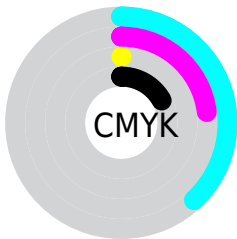
Distribution



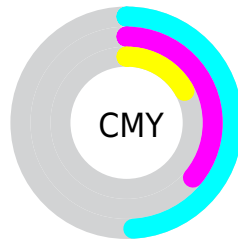
- Red (51%)
- Green (64%)
- Blue (83%)



- Red (51%)
- Yellow (60%)
- Blue (83%)



- Cyan (38%)
- Magenta (23%)
- Yellow (0%)
- Black (17%)



- Cyan (49%)
- Magenta (36%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83A2D3 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 83A2D3 by changing the saturation by 10% instead.

 83A2D3

 83A2D3

FFFFFF

 6888B7

 BAD9FF

 4E6F9C

 D7F5FF

 335682

 F4FFFF

 153F69

 002A50

 001539

 000223

 00000A

 000000

 83A2D3

 83A2D3

 6E95D3

 98AFD3

 5988D3

 ADBCD3

 447BD3

 C2C9D3

 2F6ED3

 D7D6D3

 1961D3

 EDE3D3

 0454D3

 FFF0D3

 0052D3

 FFFCD3

 FFFF3D3

Harmonies

Analogous

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



60A9CD



83A2D3



A799CB

Triad

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



83A2D3



D29086



77AC89

Complementary

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



83A2D3



D3B483

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.



95A775



83A2D3



C69774

Square

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



83A2D3



D28D9F



B0A06D



5BAFA2

Rectangle

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



83A2D3



BB93BF



B0A06D



81AB81

Sweetspot

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



83A2D3



E3EEFF



83D3B3



6F7580



000000



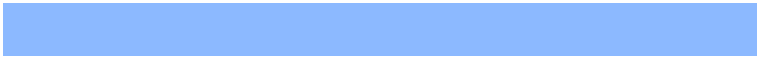
808080

Same Dimension

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



83A2D3



8CB9FF



8B83D3



5E6269



0041A8



001029

Inverse Universe

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



D383A2



FF8CB9



CBD383



695E62



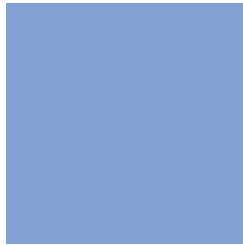
A80041



290010

Previews

White Background



This preview shows how the Hex color 83A2D3 looks on a white background.

Color Contrast Check

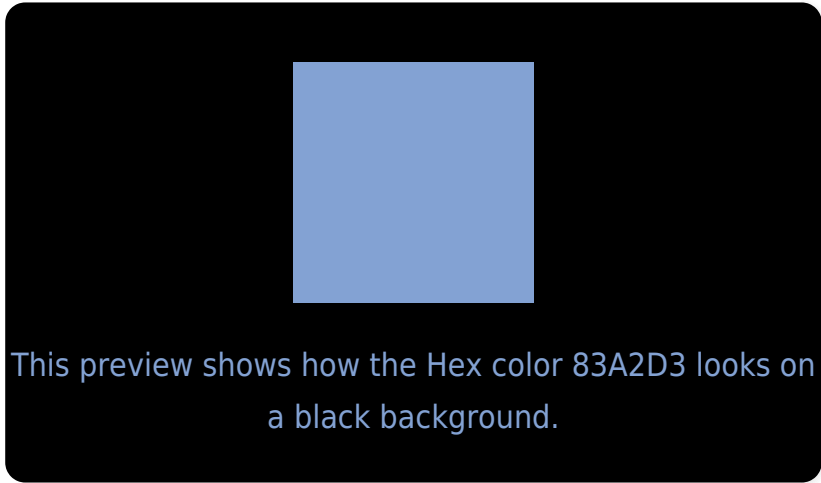
Large Text (above 18pt) WCAG AA × Fail

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

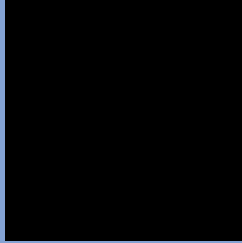
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

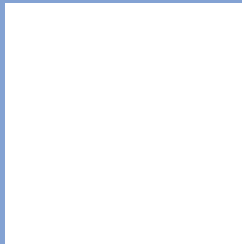
Any Text WCAG AAA ✓ Pass

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

Hex 83A2D3 Background



This preview shows how black text looks on a background with the Hex color 83A2D3.

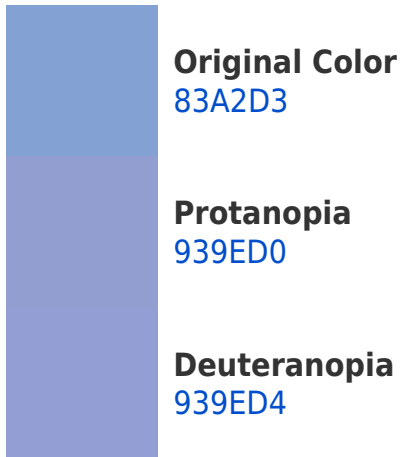


This preview shows how white text looks on a background with the Hex color 83A2D3.

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](#).

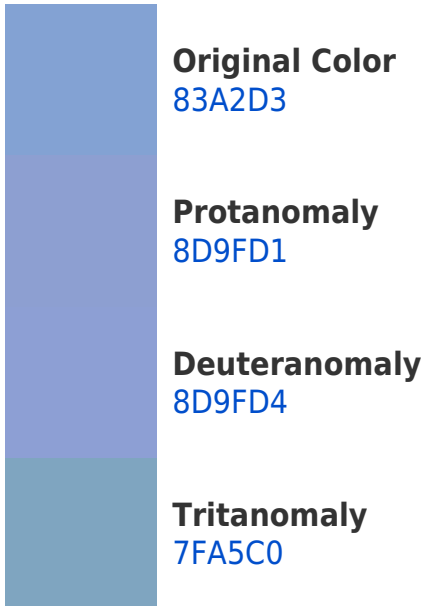
Dichromacy



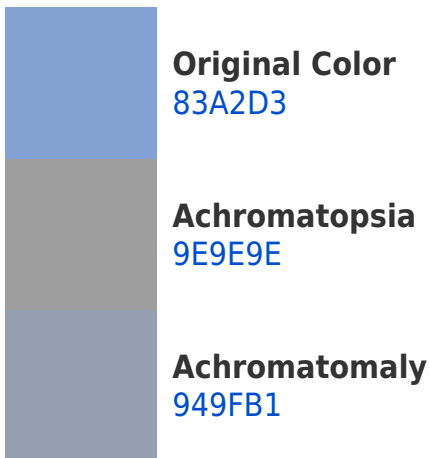


Tritanopia
7CA7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83A2D3 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 #83A2D3 looks like.

```
.text, #text, p{  
    color:#83A2D3  
}
```

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 #83A2D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A2D3
}
```

Border

The CSS property to change the border of an element to Hex 83A2D3 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
#83A2D3 }
```

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

```
.border{ border-color:#83A2D3 }
```

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

Here you see how a box with a 4 pixel #83A2D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A2D3; -webkit-box-shadow:4px 4px  
4px 4px #83A2D3; box-shadow:4px 4px 4px  
4px #83A2D3 }
```

Background

The CSS property to change the background color of an element to Hex 83A2D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A2D3 }
```

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

```
.background{ background-color:#83A2D3 }
```

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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