

Converting Colors

Hex(83B2D2)

Have a look what the booklet for
Hex(83B2D2) contains.

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Color

Hex(83B2D2)

Conversions

Conversions Part 1

Format	Color
Hex	83B2D2
RGB	131, 178, 210
RGB Percent	51%, 70%, 82%
CMY	0.4863, 0.3020, 0.1765
CMYK	0.38, 0.15, 0.00, 0.18
HSL	204°, 47%, 67%
HSV	204°, 38%, 82%
XYZ	36.9133, 41.3192, 67.0026
YIQ	167.5950, -38.2840, -0.0120

Conversions

Conversions Part 2

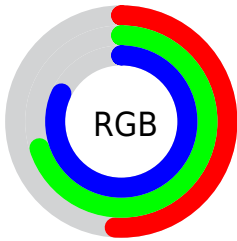
Format	Color
R_{YB}	131, 160, 210
Decimal	8630994
CIE _{Lab}	70.40, -7.61, -21.15
CIE _{LCh}	70, 22.479, 250.206
Yxy	41.3192, 0.2542, 0.2845
Android (android.graphics.Color)	4286821074 (0xFF83B2D2)
YUV	167.5950, 20.9057, -32.0938
Hunter-Lab	64.2800, -9.9850, -16.8052

Details

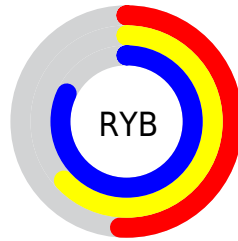
The Hex color **83B2D2** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D2A383**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **BAEAFB**, and **4D7D9B** is the 20% darker color. If you saturate the color by 10%, you get **6EA9D2**, and if you desaturate by 10%, it is **98BBD2**.

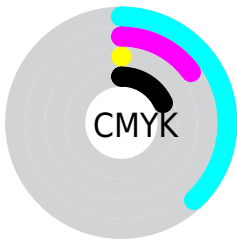
Distribution



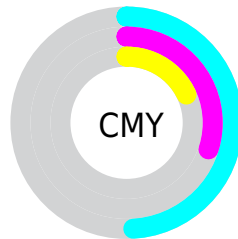
- Red (51%)
- Green (70%)
- Blue (82%)



- Red (51%)
- Yellow (63%)
- Blue (82%)



- Cyan (38%)
- Magenta (15%)
- Yellow (0%)
- Black (18%)



- Cyan (49%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83B2D2 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 83B2D2 by changing the saturation by 10% instead.

 83B2D2

 83B2D2

FFFFFF

 6897B6

 BAEAFF

 4D7D9B

 D7FFFF

 326481

 F4FFFF

 144D68

 003650

 002139

 000524

 00000B

 000000

83B2D2

83B2D2

6EA9D2

98BBD2

59A1D2

ADC3D2

4498D2

C2CCD2

2F90D2

D7D4D2

1A87D2

ECDDD2

057FD2

FFE5D2

007DD2

FFEE D2

FFF6D2

FFFFD2

Harmonies

Analogous

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



73B6C6



83B2D2



9DACD4

Triad

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



83B2D2



D69EA6



9DB38D

Complementary

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



83B2D2



D2A383

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.



B4AD84



83B2D2



D4A093

Square

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



83B2D2



CC9FBA



C8A686



87B79E

Rectangle

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



83B2D2



B0A7CF



C8A686



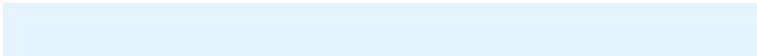
A5B189

Sweetspot

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



83B2D2



E3F4FF



83D2A3



6F7980



000000



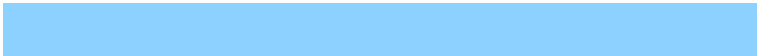
808080

Same Dimension

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



83B2D2



8CD1FF



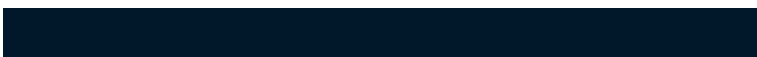
838BD2



5E6469



0064A8



001829

Inverse Universe

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



D283B2



FF8CD1



D2CA83



695E64



A80064



290018

Previews

White Background



This preview shows how the Hex color 83B2D2 looks on a white background.

Color Contrast Check

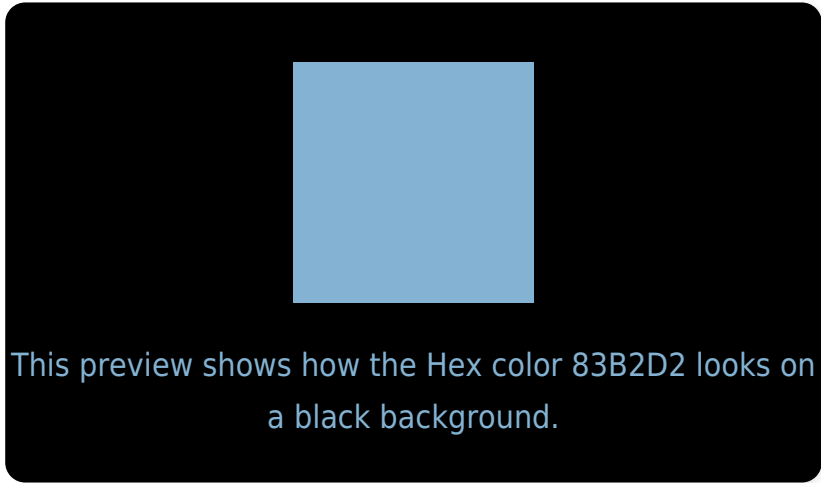
Large Text (above 18pt) WCAG AA × Fail

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

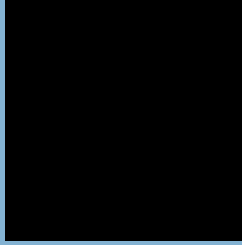
Any Text WCAG AA ✓ Pass

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 83B2D2 Background



This preview shows how black text looks on a background with the Hex color 83B2D2.

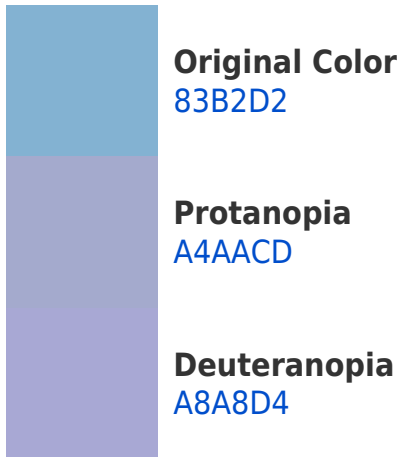


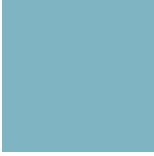
This preview shows how white text looks on a background with the Hex color 83B2D2.

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](#).

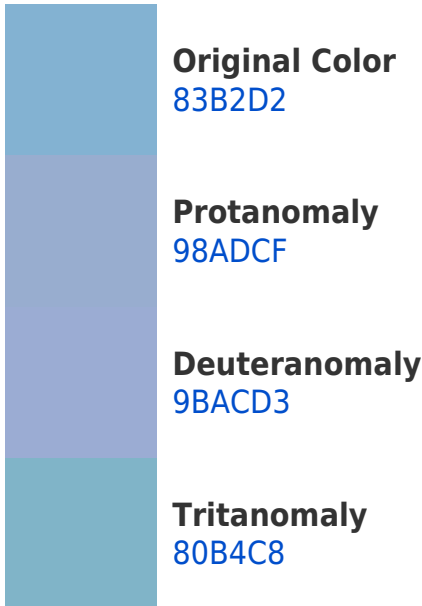
Dichromacy



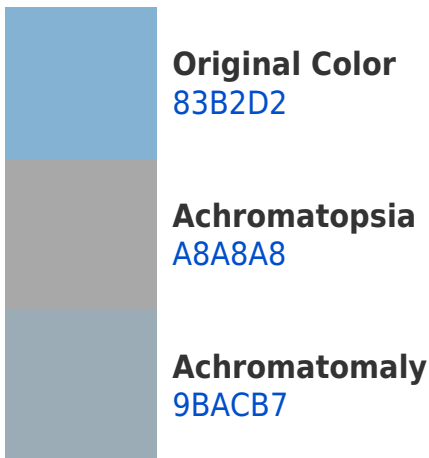


Tritanopia
7FB5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83B2D2 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 #83B2D2 looks like.

```
.text, #text, p{  
    color:#83B2D2  
}
```

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 #83B2D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B2D2
}
```

Border

The CSS property to change the border of an element to Hex 83B2D2 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
#83B2D2 }
```

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

```
.border{ border-color:#83B2D2 }
```

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

Here you see how a box with a 4 pixel #83B2D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B2D2; -webkit-box-shadow:4px 4px  
4px 4px #83B2D2; box-shadow:4px 4px 4px  
4px #83B2D2 }
```

Background

The CSS property to change the background color of an element to Hex 83B2D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B2D2 }
```

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

```
.background{ background-color:#83B2D2 }
```

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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