

# Converting Colors

Hex(83CDDE)

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

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# Color

**Hex(83CDDE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83CDDE
RGB	131, 205, 222
RGB Percent	51%, 80%, 87%
CMY	0.4863, 0.1961, 0.1294
CMYK	0.41, 0.08, 0.00, 0.13
HSL	191°, 58%, 69%
HSV	191°, 41%, 87%
XYZ	44.3762, 53.7619, 77.1454
YIQ	184.8120, -49.5610, -10.4010

# Conversions

## Conversions Part 2

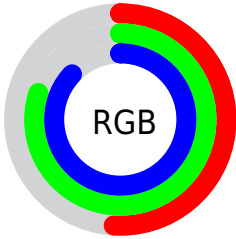
Format	Color
<a href="#">RYB</a>	<a href="#">131, 172, 222</a>
Decimal	<a href="#">8637918</a>
CIELab	<a href="#">78.32, -18.67, -15.67</a>
CIElCh	<a href="#">78, 24.380, 220.006</a>
Yxy	<a href="#">53.7619, 0.2532, 0.3067</a>
Android (android.graphics.Color)	<a href="#">4286827998</a> ( <a href="#">0xFF83CDDE</a> )
YUV	<a href="#">184.8120, 18.3337, -47.1931</a>
Hunter-Lab	<a href="#">73.3225, -20.2826, -11.0556</a>

# Details

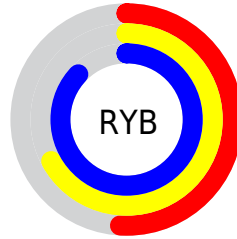
The Hex color **83CDDE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DE9483**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **BCFFFF**, and **4B97A7** is the 20% darker color. If you saturate the color by 10%, you get **6DC9DE**, and if you desaturate by 10%, it is **99D1DE**.

# Distribution



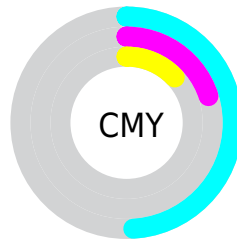
- Red (51%)
- Green (80%)
- Blue (87%)



- Red (51%)
- Yellow (67%)
- Blue (87%)



- Cyan (41%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (49%)
- Magenta (20%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



 83CDDE

 83CDDE

FFFFFF

 67B1C2

 BCFFFF

 4B97A7

 D9FFFF

 2D7D8C

 F6FFFF

 006473

 004C5A

 003543

 00202D

 000119

 000000

 83CDDE

 83CDDE

 6DC9DE

 99D1DE

 57C5DE

 AFD5DE

 40C1DE

 C6D9DE

 2ABCDE

 DCDEDE

 14B8DE

 F2E2DE

 00B5DE

 FFE6DE

 FFEADE

 FFEEDDE

 FFF2DE

# Harmonies

## Analogous

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



86CFC9



83CDDE



94C8EC

# Triad

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



83CDDE



E5B3D2



CBC395

# Complementary

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



83CDDE



DE9483

# 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.



E0BB98



83CDDE



F0B2BB

# Square

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



83CDDE



CFB9E4



EEB5A6



B2C99F

# Rectangle

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



83CDDE



A7C4EF



EEB5A6



D3C095

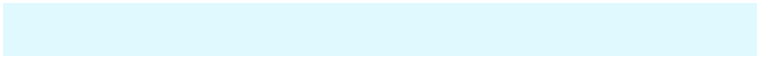


# Sweetspot

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



83CDDE



E0F9FF



83DE94



6E7C80



000000



808080



# Same Dimension

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



83CDDE



82E8FF



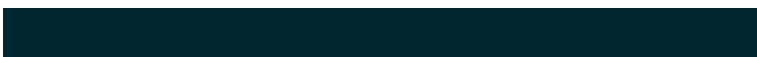
83A0DE



656E70



008FB0



002730



# Inverse Universe

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



DE83CD



FF82E8



DEC183



70656E



B0008F

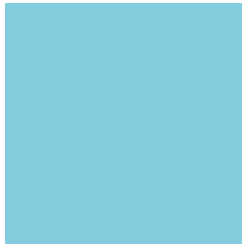


300027



# Previews

## White Background



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

## Color Contrast Check

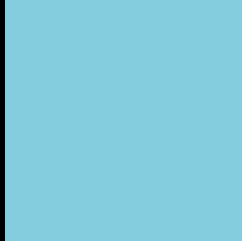
Large Text (above 18pt) WCAG AA × Fail

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 83CDDE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

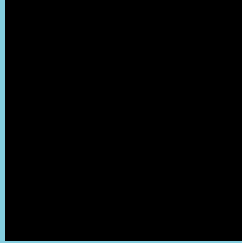
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 83CDDE Background



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

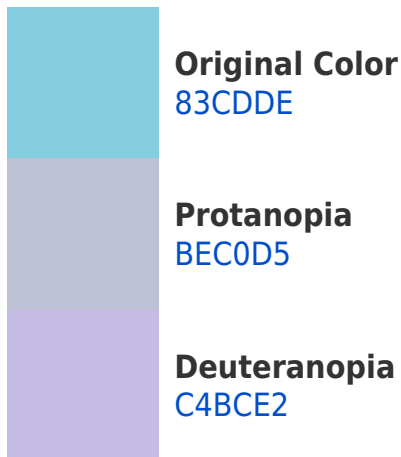


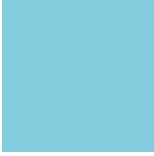
This preview shows how white text looks on a background with the Hex color 83CDDE.

# 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](#).

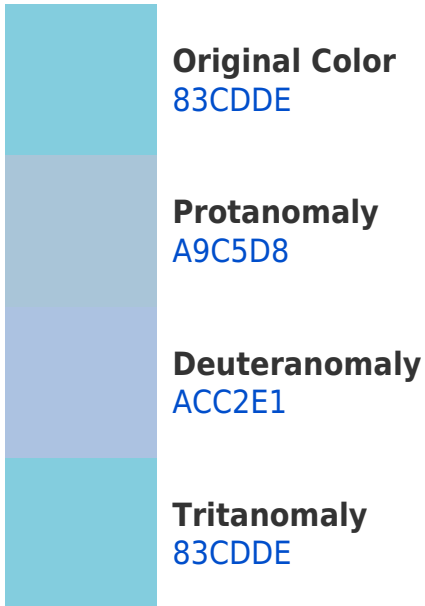
## Dichromacy



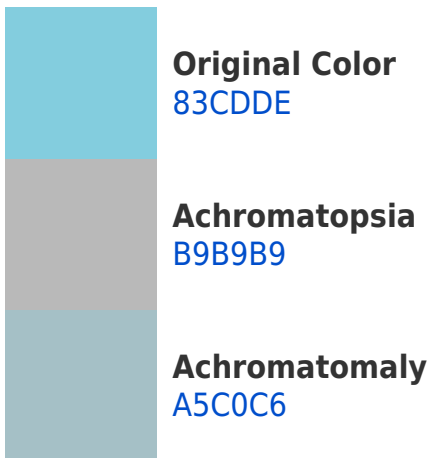


**Tritanopia**  
83CDDE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #83CDDE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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