

Converting Colors

Hex(83D6E9)

Have a look what the booklet for
Hex(83D6E9) contains.

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Color

Hex(83D6E9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 83D6E9 |
| RGB | 131, 214, 233 |
| RGB Percent | 51%, 84%, 91% |
| CMY | 0.4863, 0.1608, 0.0863 |
| CMYK | 0.44, 0.08, 0.00, 0.09 |
| HSL | 191°, 70%, 71% |
| HSV | 191°, 44%, 91% |
| XYZ | 48.1146, 58.8016, 85.9047 |
| YIQ | 191.3490, -55.5670, -11.6870 |

Conversions

Conversions Part 2

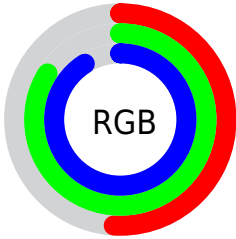
| Format | Color |
|-------------------------------------|---|
| RYB | 131, 177, 233 |
| Decimal | 8640233 |
| CIELab | 81.18, -20.40, -17.25 |
| CIELCh | 81, 26.716, 220.216 |
| Yxy | 58.8016, 0.2495, 0.3050 |
| Android (android.graphics.Color) | 4286830313 (0xFF83D6E9) |
| YUV | 191.3490, 20.5339, -52.9261 |
| Hunter-Lab | 76.6822, -22.1932, -12.7432 |

Details

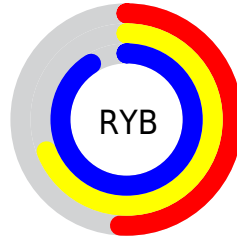
The Hex color **83D6E9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E99683**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **BCFFFF**, and **499FB1** is the 20% darker color. If you saturate the color by 10%, you get **6CD2E9**, and if you desaturate by 10%, it is **9ADAE9**.

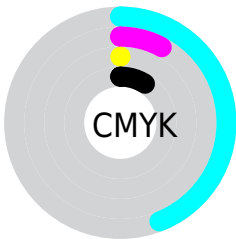
Distribution



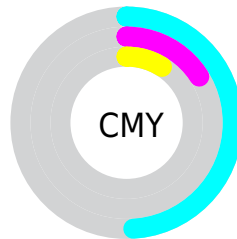
- Red (51%)
- Green (84%)
- Blue (91%)



- Red (51%)
- Yellow (69%)
- Blue (91%)



- Cyan (44%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (49%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83D6E9 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 83D6E9 by changing the saturation by 10% instead.

 83D6E9

 83D6E9

FFFFFF

 66BACD

 BCFFFF

 499FB1

 DAFFFF

 298597

 F7FFFF

 006B7D

 005364

 003C4C

 002635

 000A20

 000005

 83D6E9

 83D6E9

 6CD2E9

 9ADAE9

 54CDE9

 B2DFE9

 3DC9E9

 C9E3E9

 26C5E9

 E0E7E9

 0FC0E9

 F8ECE9

 00BEE9

 FFF0E9

 FFF4E9

 FFF9E9

 FFFDE9

Harmonies

Analogous

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



86D8D2



83D6E9



96D1F8

Triad

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



83D6E9



F1BADB



D4CB98

Complementary

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



83D6E9



E99683

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.



EBC29B



83D6E9



FCB8C2

Square

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



83D6E9



D8C0F0



FABBAA



B7D2A3

Rectangle

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



83D6E9



ACCCFB



FABBAA



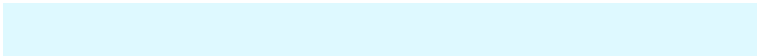
DCC898

Sweetspot

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



83D6E9



DEF9FF



83E996



6B7C80



000000



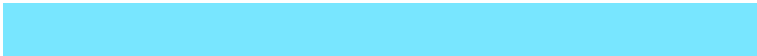
808080

Same Dimension

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



83D6E9



78E6FF



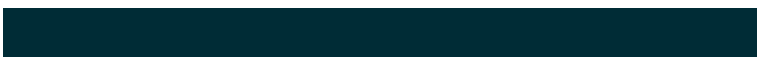
83A3E9



6A7375



0093B5



002C36

Inverse Universe

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



E983D6



FF78E6



E9C983



756A73



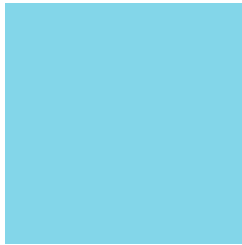
B50093



36002C

Previews

White Background



This preview shows how the Hex color 83D6E9 looks on a white background.

Color Contrast Check

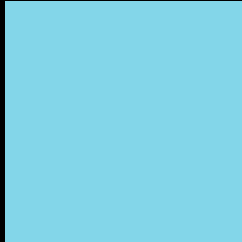
Large Text (above 18pt) WCAG AA × Fail

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 83D6E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

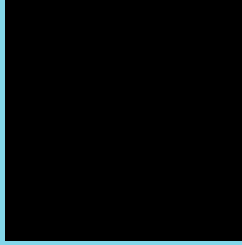
Any Text WCAG AA ✓ Pass

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 83D6E9 Background



This preview shows how black text looks on a background with the Hex color 83D6E9.

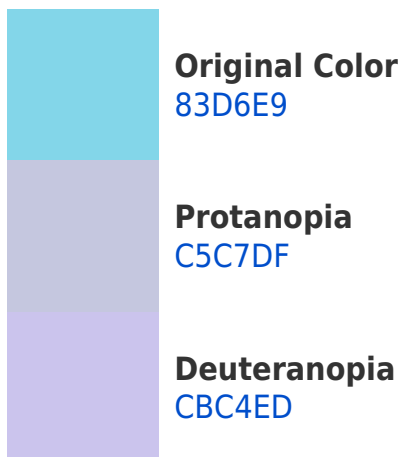


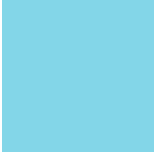
This preview shows how white text looks on a background with the Hex color 83D6E9.

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](#).

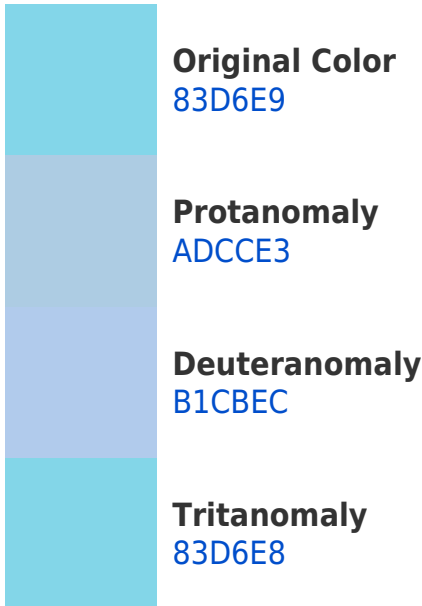
Dichromacy



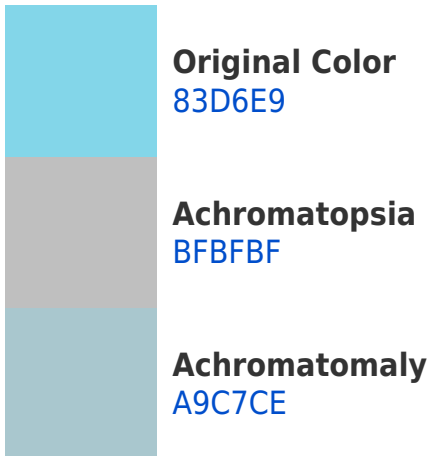


Tritanopia
83D6E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83D6E9 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 #83D6E9 looks like.

```
.text, #text, p{  
    color:#83D6E9  
}
```

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 #83D6E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D6E9
}
```

Border

The CSS property to change the border of an element to Hex 83D6E9 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
#83D6E9 }
```

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

```
.border{ border-color:#83D6E9 }
```

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

Here you see how a box with a 4 pixel #83D6E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D6E9; -webkit-box-shadow:4px 4px  
4px 4px #83D6E9; box-shadow:4px 4px 4px  
4px #83D6E9 }
```

Background

The CSS property to change the background color of an element to Hex 83D6E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D6E9 }
```

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

```
.background{ background-color:#83D6E9 }
```

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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