

Converting Colors

Hex(83D1E5)

Have a look what the booklet for
Hex(83D1E5) contains.

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Color

Hex(83D1E5)

Conversions

Conversions Part 1

Format	Color
Hex	83D1E5
RGB	131, 209, 229
RGB Percent	51%, 82%, 90%
CMY	0.4863, 0.1804, 0.1020
CMYK	0.43, 0.09, 0.00, 0.10
HSL	192°, 65%, 71%
HSV	192°, 43%, 90%
XYZ	46.3034, 56.0834, 82.5135
YIQ	187.9580, -52.9080, -10.3160

Conversions

Conversions Part 2

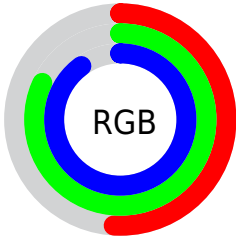
Format	Color
RYB	131, 174, 229
Decimal	8638949
CIELab	79.66, -18.91, -17.41
CIELCh	80, 25.702, 222.634
Yxy	56.0834, 0.2504, 0.3033
Android (android.graphics.Color)	4286829029 (0xFF83D1E5)
YUV	187.9580, 20.2337, -49.9522
Hunter-Lab	74.8888, -20.6898, -12.9043

Details

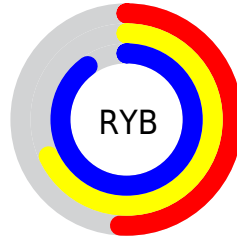
The Hex color **83D1E5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E59783**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **BCFFFF**, and **4A9AAE** is the 20% darker color. If you saturate the color by 10%, you get **6CCCE5**, and if you desaturate by 10%, it is **9AD6E5**.

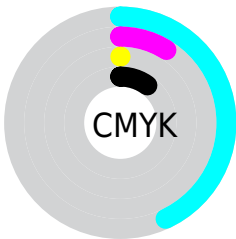
Distribution



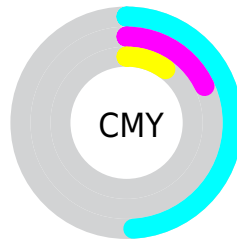
- Red (51%)
- Green (82%)
- Blue (90%)



- Red (51%)
- Yellow (68%)
- Blue (90%)



- Cyan (43%)
- Magenta (9%)
- Yellow (0%)
- Black (10%)



- Cyan (49%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83D1E5 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 83D1E5 by changing the saturation by 10% instead.

 83D1E5

 83D1E5

FFFFFF

 67B5C9

 BCFFFF

 4A9AAE

 D9FFFF

 2B8093

 F7FFFF

 006779

 004F60

 003849

 002232

 00021D

 000000

83D1E5

83D1E5

6CCCE5

9AD6E5

55C8E5

B1DAE5

3EC3E5

C8DFE5

27BEE5

DFE4E5

10BAE5

F5E8E5

00B6E5

FFEDE5

FFF2E5

FFF6E5

FFFBE5

Harmonies

Analogous

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



84D3CF



83D1E5



97CCF2

Triad

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



83D1E5



EDB6D4



CDC797

Complementary

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



83D1E5



E59783

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.



E4BF98



83D1E5



F6B4BC

Square

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



83D1E5



D6BCE9



F3B8A6



B2CEA2

Rectangle

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



83D1E5



ACC7F5



F3B8A6



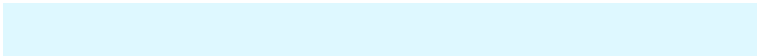
D5C596

Sweetspot

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



83D1E5



DEF8FF



83E597



6B7B80



000000



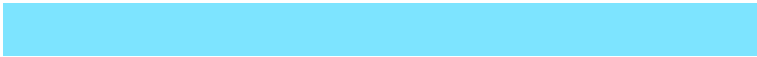
808080

Same Dimension

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



83D1E5



7DE4FF



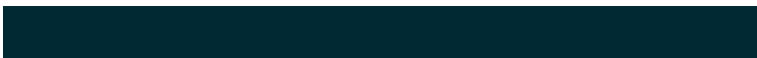
83A0E5



677073



008EB3



002933

Inverse Universe

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



E583D1



FF7DE4



E5C883



736770



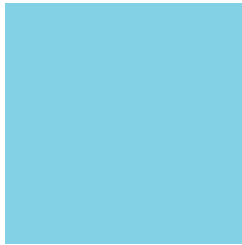
B3008E



330029

Previews

White Background



This preview shows how the Hex color 83D1E5 looks on a white background.

Color Contrast Check

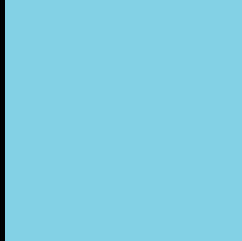
Large Text (above 18pt) WCAG AA × Fail

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 83D1E5 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 83D1E5 Background



This preview shows how black text looks on a background with the Hex color 83D1E5.

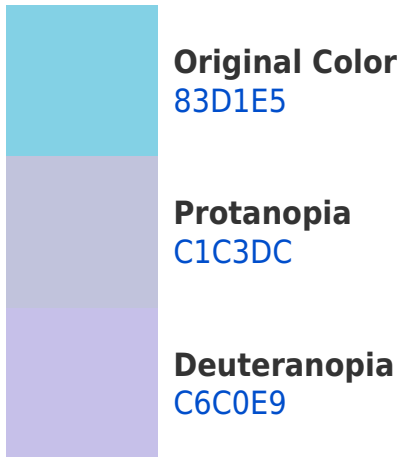


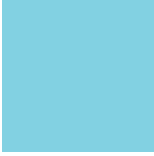
This preview shows how white text looks on a background with the Hex color 83D1E5.

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](#).

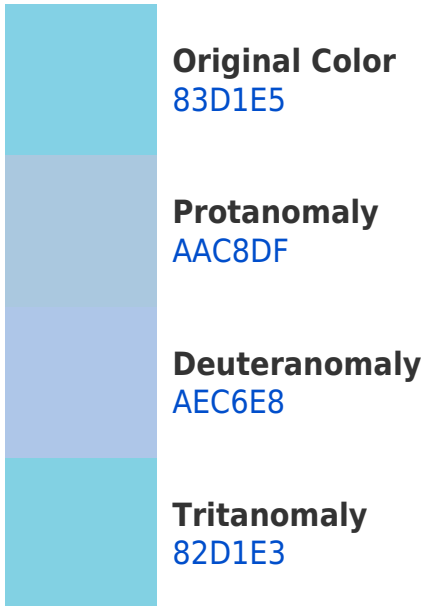
Dichromacy



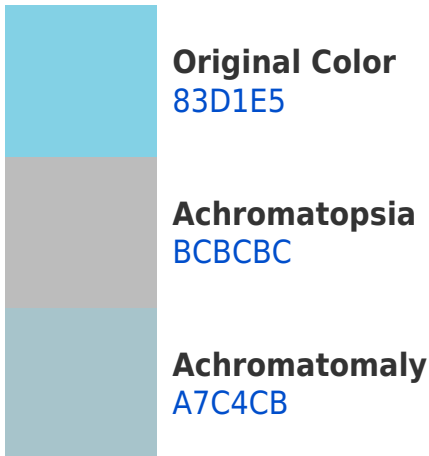


Tritanopia
82D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83D1E5 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 #83D1E5 looks like.

```
.text, #text, p{  
    color:#83D1E5  
}
```

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 #83D1E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D1E5
}
```

Border

The CSS property to change the border of an element to Hex 83D1E5 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
#83D1E5 }
```

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

```
.border{ border-color:#83D1E5 }
```

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

Here you see how a box with a 4 pixel #83D1E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D1E5; -webkit-box-shadow:4px 4px  
4px 4px #83D1E5; box-shadow:4px 4px 4px  
4px #83D1E5 }
```

Background

The CSS property to change the background color of an element to Hex 83D1E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D1E5 }
```

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

```
.background{ background-color:#83D1E5 }
```

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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