

Converting Colors

Hex(83E6D7)

Have a look what the booklet for
Hex(83E6D7) contains.

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Color

Hex(83E6D7)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 83E6D7 |
| RGB | 131, 230, 215 |
| RGB Percent | 51%, 90%, 84% |
| CMY | 0.4863, 0.0980, 0.1569 |
| CMYK | 0.43, 0.00, 0.07, 0.10 |
| HSL | 171°, 66%, 71% |
| HSV | 171°, 43%, 90% |
| XYZ | 49.9226, 66.3252, 74.4608 |
| YIQ | 198.6890, -54.1890, -25.6530 |

Conversions

Conversions Part 2

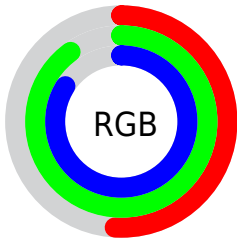
| Format | Color |
|-------------------------------------|---|
| RYB | 131, 185, 230 |
| Decimal | 8644311 |
| CIELab | 85.16, -32.62, -1.79 |
| CIELCh | 85, 32.673, 183.137 |
| Yxy | 66.3252, 0.2618, 0.3478 |
| Android (android.graphics.Color) | 4286834391 (0xFF83E6D7) |
| YUV | 198.6890, 8.0413, -59.3633 |
| Hunter-Lab | 81.4403, -33.1006, 2.7994 |

Details

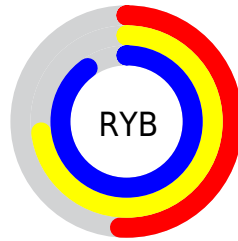
The Hex color **83E6D7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E68392**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **BDFFFF**, and **49AEAO** is the 20% darker color. If you saturate the color by 10%, you get **6CE6D4**, and if you desaturate by 10%, it is **9AE6DA**.

Distribution



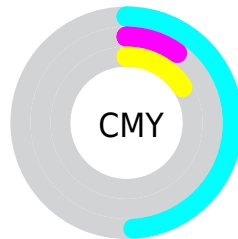
- Red (51%)
- Green (90%)
- Blue (84%)



- Red (51%)
- Yellow (73%)
- Blue (90%)



- Cyan (43%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (49%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83E6D7 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 83E6D7 by changing the saturation by 10% instead.

 83E6D7

 83E6D7

FFFFFF

 66CABB

 BDFFFF

 49AEA0

 DAFFFF

 289386

 F8FFFF

 00796D

 006055

 00473E

 003028

 001B13

 000000

 83E6D7

 83E6D7

 6CE6D4

 9AE6DA

 55E6D0

 B1E6DE

 3EE6CD

 C8E6E1

 27E6C9

 DFE6E5

 10E6C6

 F6E6E8

 00E6C3

 FFE6EC

 FFE6EF

 FFE6F3

 FFE6F6

Harmonies

Analogous

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



A3E3B8



83E6D7



76E5F5

Triad

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



83E6D7



DECCFF



FFC99F

Complementary

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



83E6D7



E68392

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.



FFC1B4



83E6D7



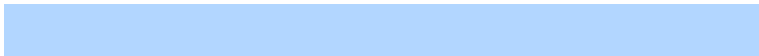
FFC2F1

Square

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



83E6D7



B2D6FF



FFBED3



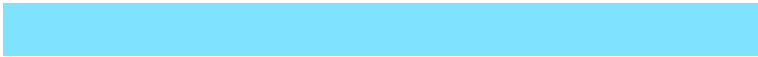
E8D497

Rectangle

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



83E6D7



7FE2FF



FFBED3



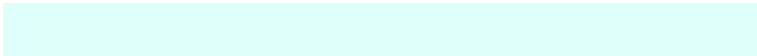
FFC6A5

Sweetspot

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



83E6D7



DEFFFA



93E683



6B807C



000000



808080

Same Dimension

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



83E6D7



7AFFEB



83C5E6



677371



00B397



00332B

Inverse Universe

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



E68392



FF7A8E



E6A483



736769



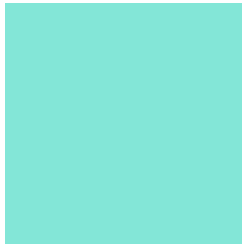
B3001B



330008

Previews

White Background



This preview shows how the Hex color 83E6D7 looks on a white background.

Color Contrast Check

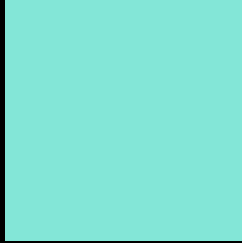
Large Text (above 18pt) WCAG AA × Fail

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 83E6D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

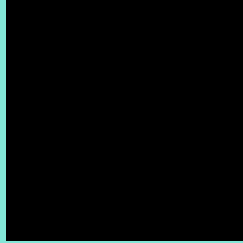
Any Text WCAG AA ✓ Pass

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 83E6D7 Background



This preview shows how black text looks on a background with the Hex color 83E6D7.

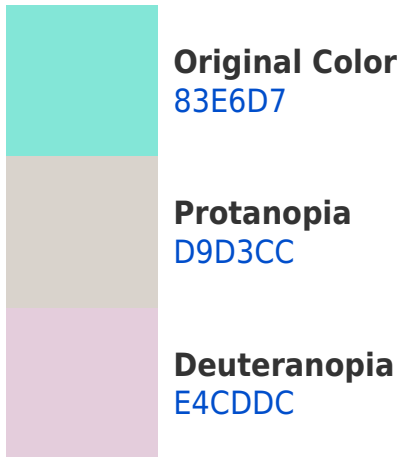


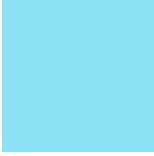
This preview shows how white text looks on a background with the Hex color 83E6D7.

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](#).

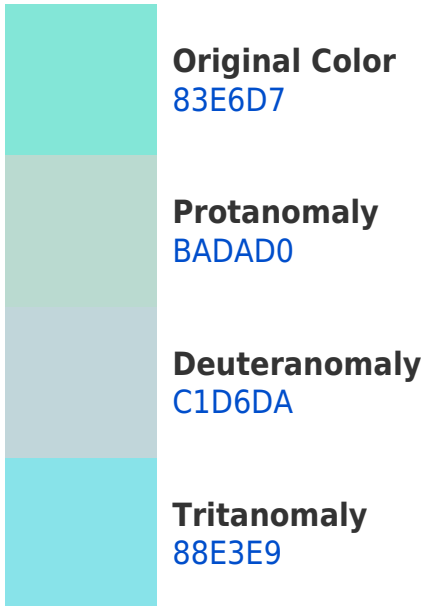
Dichromacy



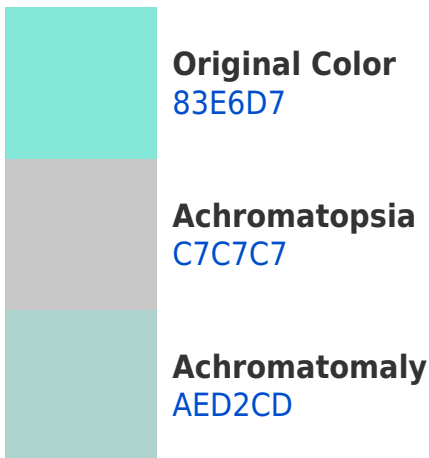


Tritanopia
8BE2F4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83E6D7 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 #83E6D7 looks like.

```
.text, #text, p{  
    color:#83E6D7  
}
```

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 #83E6D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83E6D7
}
```

Border

The CSS property to change the border of an element to Hex 83E6D7 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
#83E6D7 }
```

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

```
.border{ border-color:#83E6D7 }
```

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

Here you see how a box with a 4 pixel #83E6D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83E6D7; -webkit-box-shadow:4px 4px  
4px 4px #83E6D7; box-shadow:4px 4px 4px  
4px #83E6D7 }
```

Background

The CSS property to change the background color of an element to Hex 83E6D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83E6D7 }
```

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

```
.background{ background-color:#83E6D7 }
```

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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