

Converting Colors

Hex(83E2CD)

Have a look what the booklet for
Hex(83E2CD) contains.

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Color

Hex(83E2CD)

Conversions

Conversions Part 1

Format	Color
Hex	83E2CD
RGB	131, 226, 205
RGB Percent	51%, 89%, 80%
CMY	0.4863, 0.1137, 0.1961
CMYK	0.42, 0.00, 0.09, 0.11
HSL	167°, 62%, 70%
HSV	167°, 42%, 89%
XYZ	47.5759, 63.6258, 67.5311
YIQ	195.2010, -49.8790, -26.6710

Conversions

Conversions Part 2

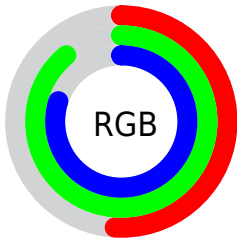
Format	Color
RYB	131, 184, 226
Decimal	8643277
CIELab	83.77, -33.05, 1.46
CIElCh	84, 33.082, 177.474
Yxy	63.6258, 0.2662, 0.3560
Android (android.graphics.Color)	4286833357 (0xFF83E2CD)
YUV	195.2010, 4.8309, -56.3043
Hunter-Lab	79.7658, -33.1247, 5.6401

Details

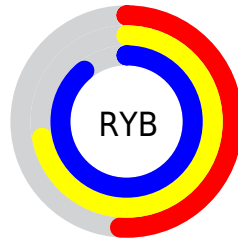
The Hex color **83E2CD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E28398**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **BCFFFF**, and **4AAA97** is the 20% darker color. If you saturate the color by 10%, you get **6CE2C8**, and if you desaturate by 10%, it is **9AE2D2**.

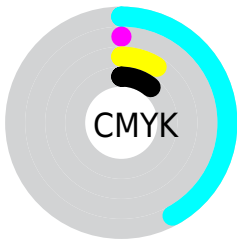
Distribution



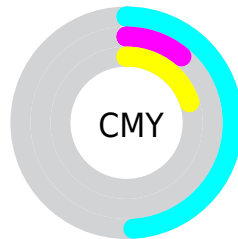
- Red (51%)
- Green (89%)
- Blue (80%)



- Red (51%)
- Yellow (72%)
- Blue (89%)



- Cyan (42%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (49%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83E2CD 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 83E2CD by changing the saturation by 10% instead.

 83E2CD

 83E2CD

FFFFFF

 67C6B2

 BCFFFF

 4AAA97

 D9FFFF

 2B8F7D

 F7FFFF

 007564

 005C4C

 004436

 002D20

 001609

 000000

 83E2CD

 83E2CD

 6CE2C8

 9AE2D2

 56E2C3

 B0E2D7

 3FE2BE

 C7E2DC

 29E2B9

 DDE2E1

 12E2B4

 F4E2E6

 00E2B0

 FFE2EB

 FFE2F0

 FFE2F5

 FFE2FA

Harmonies

Analogous

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



A5DFAE



83E2CD



70E1EC

Triad

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



83E2CD



D2CAFF



FFC39D

Complementary

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



83E2CD



E28398

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.



FFBCB6



83E2CD



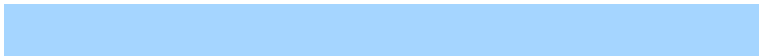
F6C0F3

Square

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



83E2CD



A5D5FF



FFBAD5



EACE93

Rectangle

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



83E2CD



75DFFE



FFBAD5



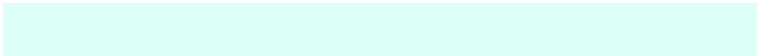
FFC0A4

Sweetspot

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



83E2CD



DEFFF8



99E283



6B807B



000000



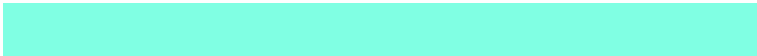
808080

Same Dimension

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



83E2CD



80FFE3



83C9E2



65706E



00B089



003026

Inverse Universe

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



E28398



FF809C



E29C83



706567



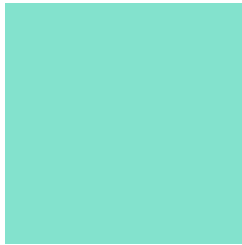
B00027



30000B

Previews

White Background



This preview shows how the Hex color 83E2CD looks on a white background.

Color Contrast Check

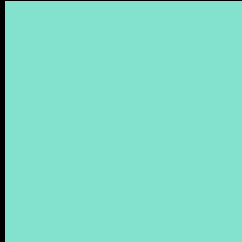
Large Text (above 18pt) WCAG AA × Fail

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 83E2CD 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

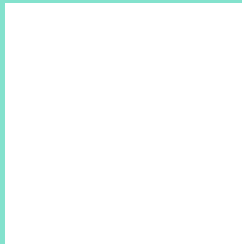
Any Text WCAG AAA ✓ Pass

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

Hex 83E2CD Background



This preview shows how black text looks on a background with the Hex color 83E2CD.

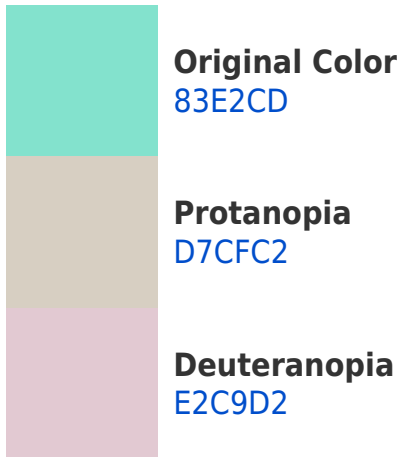


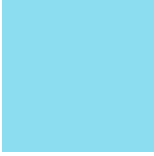
This preview shows how white text looks on a background with the Hex color 83E2CD.

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



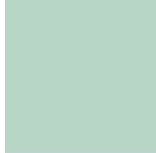


Tritanopia
8CDDEF

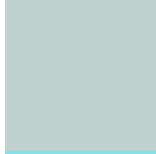
Trichromacy



Original Color
83E2CD



Protanomaly
B8D6C6



Deuteranomaly
BFD2D0

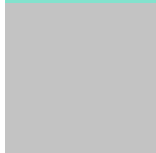


Tritanomaly
89DFE3

Monochromacy



Original Color
83E2CD



Achromatopsia
C3C3C3



Achromatomaly
ACCEC7

CSS Examples

Text

The CSS property to change the color of the text to Hex 83E2CD 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 #83E2CD looks like.

```
.text, #text, p{  
    color:#83E2CD  
}
```

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 #83E2CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83E2CD
}
```

Border

The CSS property to change the border of an element to Hex 83E2CD 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
#83E2CD }
```

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

```
.border{ border-color:#83E2CD }
```

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

Here you see how a box with a 4 pixel #83E2CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83E2CD; -webkit-box-shadow:4px 4px  
4px 4px #83E2CD; box-shadow:4px 4px 4px  
4px #83E2CD }
```

Background

The CSS property to change the background color of an element to Hex 83E2CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83E2CD }
```

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

```
.background{ background-color:#83E2CD }
```

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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