

Converting Colors

Hex(83E0CA)

Have a look what the booklet for
Hex(83E0CA) contains.

Hex(83E0CA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(83E0CA)

Conversions

Conversions Part 1

Format	Color
Hex	83E0CA
RGB	131, 224, 202
RGB Percent	51%, 88%, 79%
CMY	0.4863, 0.1216, 0.2078
CMYK	0.42, 0.00, 0.10, 0.12
HSL	166°, 60%, 70%
HSV	166°, 42%, 88%
XYZ	46.6764, 62.4009, 65.4616
YIQ	193.6850, -48.3660, -26.5580

Conversions

Conversions Part 2

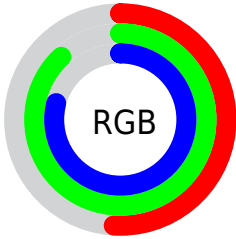
Format	Color
RYB	131, 184, 224
Decimal	8642762
CIELab	83.13, -32.79, 2.11
CIElCh	83, 32.857, 176.323
Yxy	62.4009, 0.2674, 0.3575
Android (android.graphics.Color)	4286832842 (0xFF83E0CA)
YUV	193.6850, 4.0993, -54.9747
Hunter-Lab	78.9942, -32.7672, 6.1630

Details

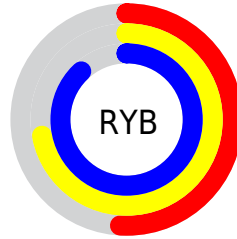
The Hex color **83E0CA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E08399**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **BCFFFF**, and **4BA894** is the 20% darker color. If you saturate the color by 10%, you get **6DE0C5**, and if you desaturate by 10%, it is **99E0CF**.

Distribution



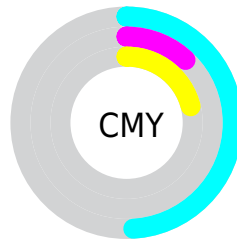
- Red (51%)
- Green (88%)
- Blue (79%)



- Red (51%)
- Yellow (72%)
- Blue (88%)



- Cyan (42%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)



- Cyan (49%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83E0CA 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 83E0CA by changing the saturation by 10% instead.

 83E0CA

 83E0CA

FFFFFF

 67C4AF

 BCFFFF

 4BA894

 D9FFFF

 2C8E7A

 F6FFFF

 007461

 005B4A

 004233

 002C1E

 001306

 000000

 83E0CA

 83E0CA

 6DE0C5

 99E0CF

 56E0BF

 B0E0D5

 40E0BA

 C6E0DA

 29E0B5

 DDE0DF

 13E0B0

 F3E0E4

 00E0AB

 FFE0EA

 FFE0EF

 FFE0F4

 FFE0FA

Harmonies

Analogous

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



A5DDAC



83E0CA



6FE0E9

Triad

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



83E0CA



CEC8FF



FFC19D

Complementary

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



83E0CA



E08399

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.



FFBAB5



83E0CA



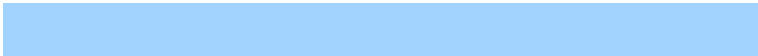
F3BEF2

Square

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



83E0CA



A2D3FF



FFB9D4



E9CC91

Rectangle

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



83E0CA



73DDFB



FFB9D4



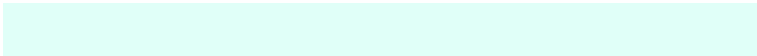
FFBEA4

Sweetspot

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



83E0CA



E0FFF8



9AE083



6E807B



000000



808080

Same Dimension

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



83E0CA



80FFE1



83C9E0



65706E



00B086



003025

Inverse Universe

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



E08399



FF809E



E09A83



706568



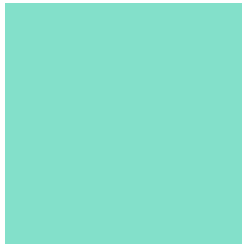
B0002A



30000B

Previews

White Background



This preview shows how the Hex color 83E0CA looks on a white background.

Color Contrast Check

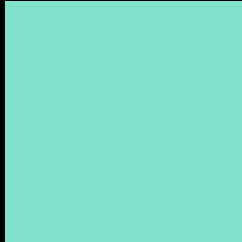
Large Text (above 18pt) WCAG AA × Fail

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 83E0CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

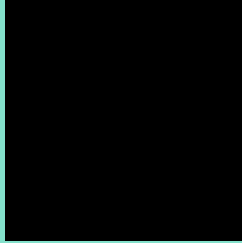
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

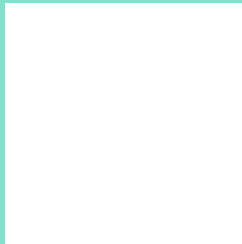
Any Text WCAG AAA ✓ Pass

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

Hex 83E0CA Background



This preview shows how black text looks on a background with the Hex color 83E0CA.



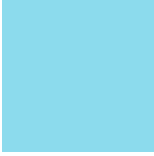
This preview shows how white text looks on a background with the Hex color 83E0CA.

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
8CDBED

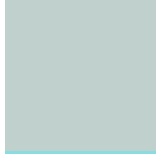
Trichromacy



Original Color
83E0CA



Protanomaly
B7D4C4



Deuteranomaly
BFD0CD

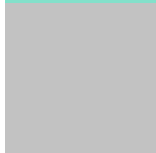


Tritanomaly
89DDE0

Monochromacy



Original Color
83E0CA



Achromatopsia
C2C2C2



Achromatomaly
ABCDC5

CSS Examples

Text

The CSS property to change the color of the text to Hex 83E0CA 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 #83E0CA looks like.

```
.text, #text, p{  
    color:#83E0CA  
}
```

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 #83E0CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83E0CA
}
```

Border

The CSS property to change the border of an element to Hex 83E0CA 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
#83E0CA }
```

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

```
.border{ border-color:#83E0CA }
```

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

Here you see how a box with a 4 pixel #83E0CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83E0CA; -webkit-box-shadow:4px 4px  
4px 4px #83E0CA; box-shadow:4px 4px 4px  
4px #83E0CA }
```

Background

The CSS property to change the background color of an element to Hex 83E0CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83E0CA }
```

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

```
.background{ background-color:#83E0CA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor