

# Converting Colors

Hex(83E2D4)

Have a look what the booklet for  
Hex(83E2D4) contains.

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**Color**

**Hex(83E2D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83E2D4
RGB	131, 226, 212
RGB Percent	51%, 89%, 83%
CMY	0.4863, 0.1137, 0.1686
CMYK	0.42, 0.00, 0.06, 0.11
HSL	171°, 62%, 70%
HSV	171°, 42%, 89%
XYZ	48.4401, 63.9715, 72.0820
YIQ	195.9990, -52.1260, -24.4940

# Conversions

## Conversions Part 2

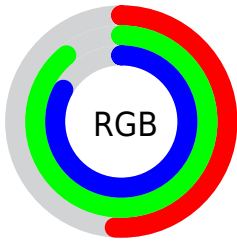
Format	Color
<b>RYB</b>	131, 182, 226
Decimal	8643284
CIELab	83.95, -31.44, -1.98
CIELCh	84, 31.500, 183.603
Yxy	63.9715, 0.2626, 0.3467
Android (android.graphics.Color)	4286833364 (0xFF83E2D4)
YUV	195.9990, 7.8885, -57.0041
Hunter-Lab	79.9822, -31.8627, 2.5538

# Details

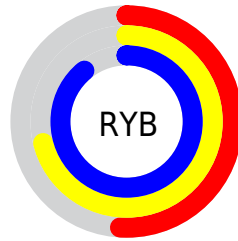
The Hex color **83E2D4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E28391**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **BCFFFF**, and **4AAA9D** is the 20% darker color. If you saturate the color by 10%, you get **6CE2D1**, and if you desaturate by 10%, it is **9AE2D7**.

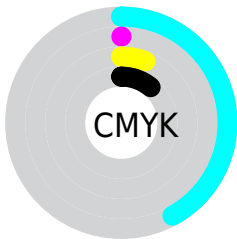
# Distribution



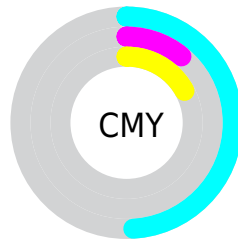
- Red (51%)
- Green (89%)
- Blue (83%)



- Red (51%)
- Yellow (71%)
- Blue (89%)



- Cyan (42%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (49%)
- Magenta (11%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83E2D4 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 83E2D4 by changing the saturation by 10% instead.



 83E2D4

 83E2D4

FFFFFF

 67C6B8

 BCFFFF

 4AAA9D

 D9FFFF

 2A8F83

 F7FFFF

 00756A

 005C52

 00443B

 002D26

 001711

 000000

 83E2D4

 83E2D4

 6CE2D1

 9AE2D7

 56E2CD

 B0E2DB

 3FE2CA

 C7E2DE

 29E2C7

 DDE2E1

 12E2C3

 F4E2E5

 00E2C1

 FFE2E8

 FFE2EB

 FFE2EF

 FFE2F2

# Harmonies

## Analogous

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



A1DFB6



83E2D4



77E1F1

# Triad

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



83E2D4



DAC8FF



FDC79D

# Complementary

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



83E2D4



E28391

# 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.



FFBEB2



83E2D4



FBBFEC

# Square

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



83E2D4



B1D3FF



FFBCCF



E3D196

# Rectangle

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



83E2D4



80DEFF



FFBCCF



FFC3A3

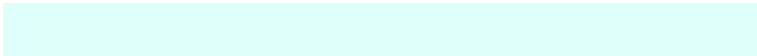


# Sweetspot

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



83E2D4



DEFFFA



91E283



6B807C



000000



808080

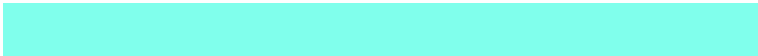


# Same Dimension

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



83E2D4



80FFEC



83C1E2



65706F



00B096



003029



# Inverse Universe

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



E28391



FF8092



E2A483



706567



B0001A

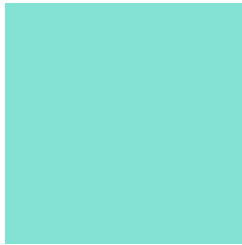


300007



# Previews

## White Background



This preview shows how the Hex color 83E2D4 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 83E2D4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

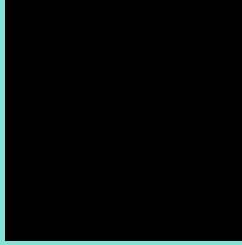
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

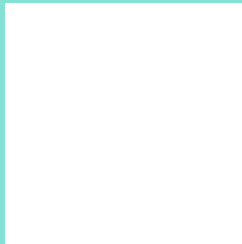
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 83E2D4 Background



This preview shows how black text looks on a background with the Hex color 83E2D4.

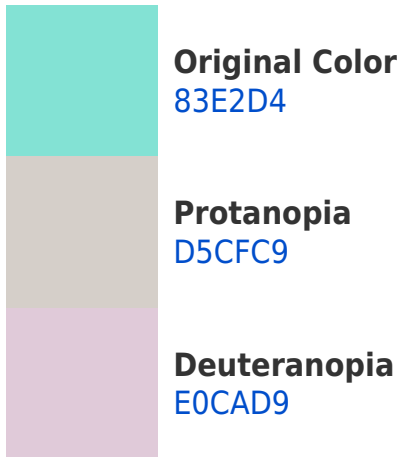


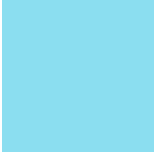
This preview shows how white text looks on a background with the Hex color 83E2D4.

# 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](#).

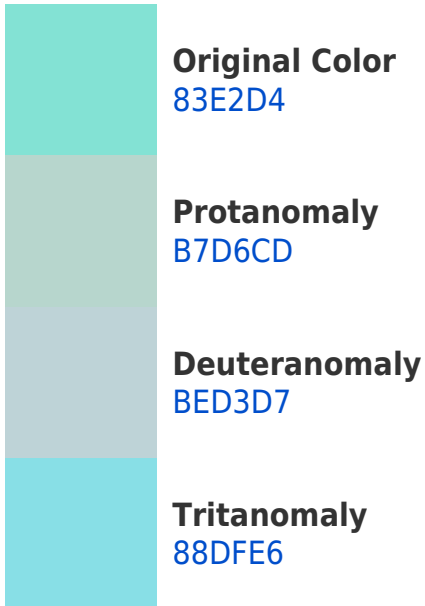
## Dichromacy



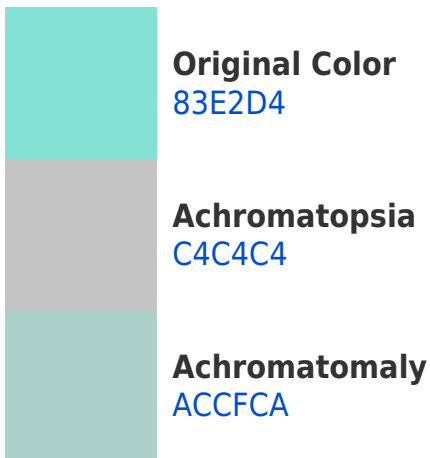


**Tritanopia**  
8BDEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83E2D4 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 #83E2D4 looks like.

```
.text, #text, p{  
    color:#83E2D4  
}
```

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 #83E2D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83E2D4
}
```

## Border

The CSS property to change the border of an element to Hex 83E2D4 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
#83E2D4 }
```

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

```
.border{ border-color:#83E2D4 }
```

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

Here you see how a box with a 4 pixel #83E2D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83E2D4; -webkit-box-shadow:4px 4px  
4px 4px #83E2D4; box-shadow:4px 4px 4px  
4px #83E2D4 }
```

# Background

The CSS property to change the background color of an element to Hex 83E2D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83E2D4 }
```

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

```
.background{ background-color:#83E2D4 }
```

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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