

# Converting Colors

Hex(83E4C2)

Have a look what the booklet for  
Hex(83E4C2) contains.

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**Color**

**Hex(83E4C2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83E4C2
RGB	131, 228, 194
RGB Percent	51%, 89%, 76%
CMY	0.4863, 0.1059, 0.2392
CMYK	0.43, 0.00, 0.15, 0.11
HSL	159°, 64%, 70%
HSV	159°, 43%, 89%
XYZ	46.8411, 64.2071, 60.9634
YIQ	195.1210, -46.8980, -31.1380

# Conversions

## Conversions Part 2

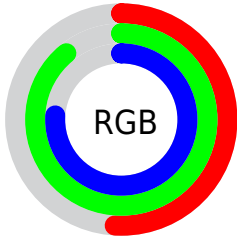
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">131, 190, 228</a>
Decimal	<a href="#">8643778</a>
CIELab	<a href="#">84.07, -36.41, 7.70</a>
CIELCh	<a href="#">84, 37.215, 168.060</a>
Yxy	<a href="#">64.2071, 0.2723, 0.3733</a>
Android (android.graphics.Color)	<a href="#">4286833858 (0xFF83E4C2)</a>
YUV	<a href="#">195.1210, -0.5527, -56.2341</a>
Hunter-Lab	<a href="#">80.1294, -35.8809, 10.9820</a>

# Details

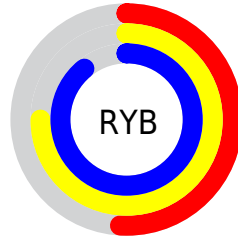
The Hex color **83E4C2** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E483A5**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **BCFFFA**, and **4AAC8C** is the 20% darker color. If you saturate the color by 10%, you get **6CE4BA**, and if you desaturate by 10%, it is **9AE4CA**.

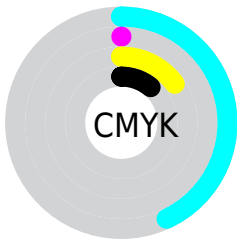
# Distribution



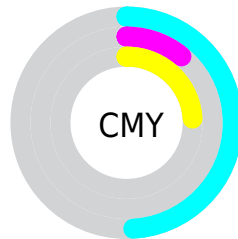
- Red (51%)
- Green (89%)
- Blue (76%)



- Red (51%)
- Yellow (75%)
- Blue (89%)



- Cyan (43%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (49%)
- Magenta (11%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83E4C2 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 83E4C2 by changing the saturation by 10% instead.



 83E4C2

 83E4C2

FFFFFF

 67C8A7

 BCFFFA

 4AAC8C

 D9FFFF

 2C9173

 F7FFFF

 00775A

 005E43

 00452D

 002E18

 001700

 000000

 83E4C2

 83E4C2

 6CE4BA

 9AE4CA

 55E4B2


 B1E4D2

 3FE4AA

 C7E4DA

 28E4A2

 DEE4E2

 11E49A

 F5E4EA

 00E494

 FFE4F2

 FFE4FA

 FFE4FF

# Harmonies

## Analogous

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



ADDFA2



83E4C2



61E5E6

# Triad

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



83E4C2



C3CEFF



FFBF9F

# Complementary

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



83E4C2



E483A5

# 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.



FFB8BE



83E4C2



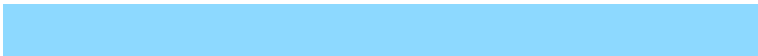
F0C1FF

# Square

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



83E4C2



8DD9FF



FFB9E1



F7CB8D

# Rectangle

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



83E4C2



5CE3FC



FFB9E1



FFBCA8

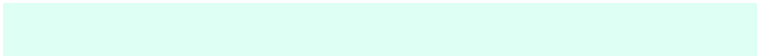


# Sweetspot

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



83E4C2



DEFFF3



A7E483



6B8078



000000



808080

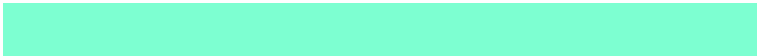


# Same Dimension

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



83E4C2



7DFFD1



83D7E4



67736F



00B374



003321



# Inverse Universe

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



E483A5



FF7DAB



E49083



73676B



B3003F

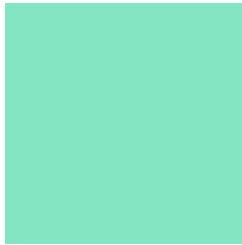


330012



# Previews

## White Background



This preview shows how the Hex color 83E4C2 looks on a white background.

## Color Contrast Check

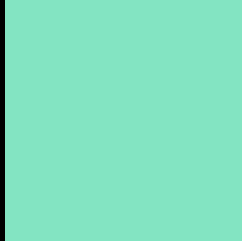
Large Text (above 18pt) WCAG AA × Fail

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 83E4C2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

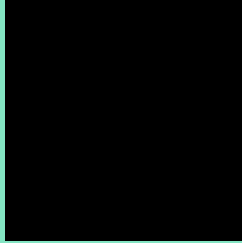
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 83E4C2 Background



This preview shows how black text looks on a background with the Hex color 83E4C2.

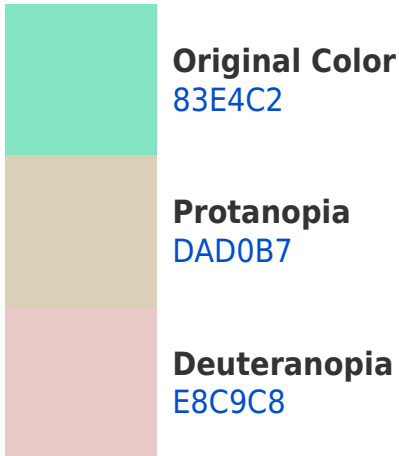


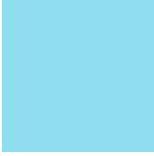
This preview shows how white text looks on a background with the Hex color 83E4C2.

# 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**  
8FDEEF

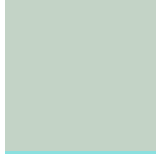
# Trichromacy



**Original Color**  
83E4C2



**Protanomaly**  
BAD7BB



**Deuteranomaly**  
C3D3C6

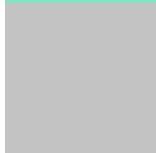


**Tritanomaly**  
8BE0DF

# Monochromacy



**Original Color**  
83E4C2



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
ACCFC3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83E4C2 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 #83E4C2 looks like.

```
.text, #text, p{  
    color:#83E4C2  
}
```

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 #83E4C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83E4C2
}
```

## Border

The CSS property to change the border of an element to Hex 83E4C2 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
#83E4C2 }
```

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

```
.border{ border-color:#83E4C2 }
```

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

Here you see how a box with a 4 pixel #83E4C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83E4C2; -webkit-box-shadow:4px 4px  
4px 4px #83E4C2; box-shadow:4px 4px 4px  
4px #83E4C2 }
```

# Background

The CSS property to change the background color of an element to Hex 83E4C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83E4C2 }
```

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

```
.background{ background-color:#83E4C2 }
```

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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