

Converting Colors

Hex(83E8B9)

Have a look what the booklet for
Hex(83E8B9) contains.

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Color

Hex(83E8B9)

Conversions

Conversions Part 1

Format	Color
Hex	83E8B9
RGB	131, 232, 185
RGB Percent	51%, 91%, 73%
CMY	0.4863, 0.0902, 0.2745
CMYK	0.44, 0.00, 0.20, 0.09
HSL	152°, 69%, 71%
HSV	152°, 44%, 91%
XYZ	46.9736, 66.0413, 56.1704
YIQ	196.4430, -45.1090, -36.0290

Conversions

Conversions Part 2

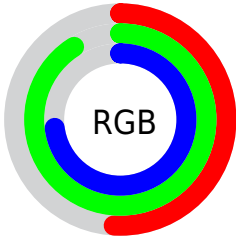
Format	Color
RYB	131, 197, 232
Decimal	8644793
CIELab	85.02, -40.11, 13.77
CIElCh	85, 42.403, 161.057
Yxy	66.0413, 0.2776, 0.3903
Android (android.graphics.Color)	4286834873 (0xFF83E8B9)
YUV	196.4430, -5.6414, -57.3935
Hunter-Lab	81.2658, -39.0377, 15.9052

Details

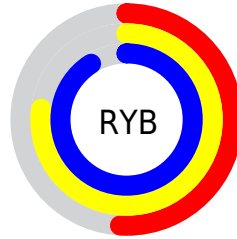
The Hex color **83E8B9** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E883B2**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **BCFFF1**, and **4AB084** is the 20% darker color. If you saturate the color by 10%, you get **6CE8AE**, and if you desaturate by 10%, it is **9AE8C4**.

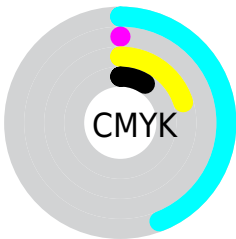
Distribution



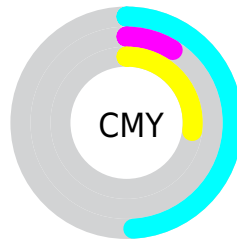
- Red (51%)
- Green (91%)
- Blue (73%)



- Red (51%)
- Yellow (77%)
- Blue (91%)



- Cyan (44%)
- Magenta (0%)
- Yellow (20%)
- Black (9%)



- Cyan (49%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83E8B9 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 83E8B9 by changing the saturation by 10% instead.

 83E8B9

 83E8B9

FFFFFF

 67CC9E

 BCFFF1

 4AB084

 D9FFFF

 2B956B

 F7FFFF

 007A52

 00613B

 004825

 003111

 001A00

 000000

 83E8B9

 83E8B9

 6CE8AE

 9AE8C4

 55E8A3

 B1E8CF

 3DE899

 C9E8D9

 26E88E

 E0E8E4

 0FE883

 F7E8EF

 00E87C

 FFE8FA

 FFE8FF

Harmonies

Analogous

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



B4E197



83E8B9



4FEAE2

Triad

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



83E8B9



B3D3FF



FFBCA2

Complementary

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



83E8B9



E883B2

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.



FFB5C7



83E8B9



ECC5FF

Square

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



83E8B9



71E0FF



FFB9EF



FFC989

Rectangle

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



83E8B9



38E9FC



FFB9EF



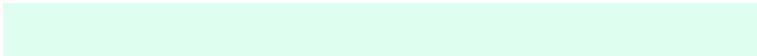
FFB9AD

Sweetspot

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



83E8B9



DEFFF0



B2E883



6B8076



000000



808080

Same Dimension

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



83E8B9



7AFFC1



83E5E8



67736D



00B35F



00331B

Inverse Universe

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



E883B2



FF7AB8



E88683



73676D



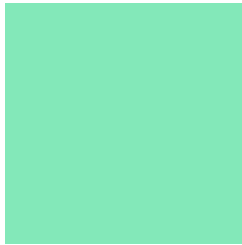
B30053



330018

Previews

White Background



This preview shows how the Hex color 83E8B9 looks on a white background.

Color Contrast Check

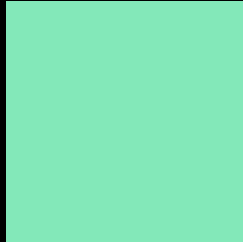
Large Text (above 18pt) WCAG AA × Fail

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 83E8B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

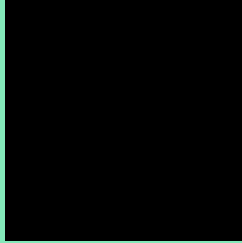
Any Text WCAG AA ✓ Pass

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 83E8B9 Background



This preview shows how black text looks on a background with the Hex color 83E8B9.

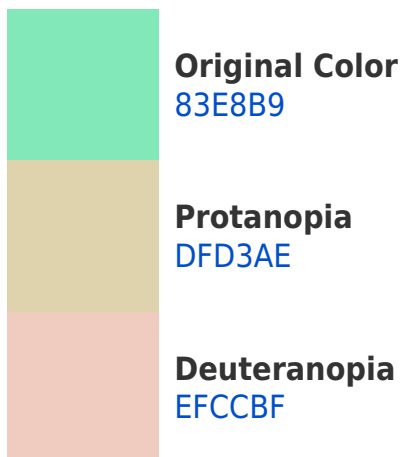


This preview shows how white text looks on a background with the Hex color 83E8B9.

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](#).

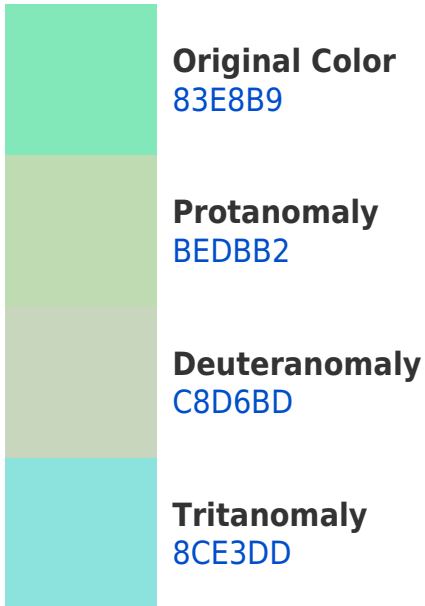
Dichromacy



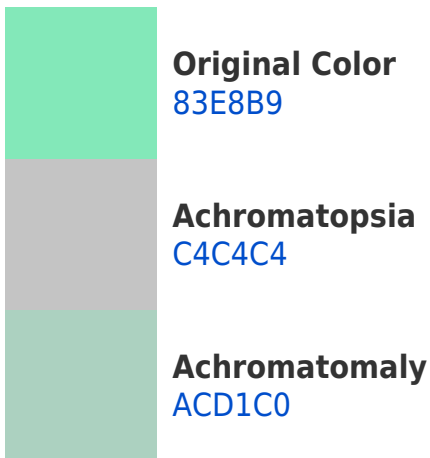


Tritanopia
91E0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83E8B9 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 #83E8B9 looks like.

```
.text, #text, p{  
    color:#83E8B9  
}
```

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 #83E8B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83E8B9
}
```

Border

The CSS property to change the border of an element to Hex 83E8B9 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
#83E8B9 }
```

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

```
.border{ border-color:#83E8B9 }
```

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

Here you see how a box with a 4 pixel #83E8B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83E8B9; -webkit-box-shadow:4px 4px  
4px 4px #83E8B9; box-shadow:4px 4px 4px  
4px #83E8B9 }
```

Background

The CSS property to change the background color of an element to Hex 83E8B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83E8B9 }
```

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

```
.background{ background-color:#83E8B9 }
```

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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