

Converting Colors

Hex(89EDB4)

Have a look what the booklet for
Hex(89EDB4) contains.

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Color

Hex(89EDB4)

Conversions

Conversions Part 1

Format	Color
Hex	89EDB4
RGB	137, 237, 180
RGB Percent	54%, 93%, 71%
CMY	0.4627, 0.0706, 0.2941
CMYK	0.42, 0.00, 0.24, 0.07
HSL	146°, 74%, 73%
HSV	146°, 42%, 93%
XYZ	48.8389, 69.1820, 53.9594
YIQ	200.6020, -41.3030, -38.9270

Conversions

Conversions Part 2

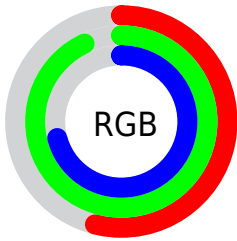
Format	Color
RYB	137, 207, 237
Decimal	9039284
CIELab	86.59, -41.74, 18.62
CIElCh	87, 45.701, 155.962
Yxy	69.1820, 0.2840, 0.4023
Android (android.graphics.Color)	4287229364 (0xFF89EDB4)
YUV	200.6020, -10.1568, -55.7790
Hunter-Lab	83.1757, -40.7463, 19.7592

Details

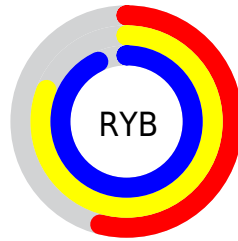
The Hex color **89EDB4** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **ED89C2**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **C2FFEC**, and **50B47F** is the 20% darker color. If you saturate the color by 10%, you get **71EDA6**, and if you desaturate by 10%, it is **A1EDC2**.

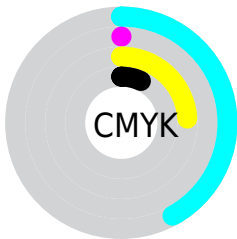
Distribution



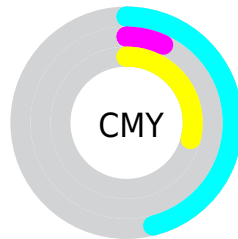
- Red (54%)
- Green (93%)
- Blue (71%)



- Red (54%)
- Yellow (81%)
- Blue (93%)



- Cyan (42%)
- Magenta (0%)
- Yellow (24%)
- Black (7%)



- Cyan (46%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89EDB4 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 89EDB4 by changing the saturation by 10% instead.

 89EDB4

 89EDB4

FFFFFF

 6DD099

 C2FFEC

 50B47F

 DFFFFFF

 329966

FDFFFF

 087F4E

 006536

 004C20

 00340B

 001F00

 000000

 89EDB4

 89EDB4

 71EDA6

 A1EDC2

 5AED99

 B8EDCF

 42ED8B

 D0EDDD

 2AED7E

 E8EDEA

 12ED70

 FFEDF8

 00ED66

 FFEDFF

Harmonies

Analogous

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



BEE591



89EDB4



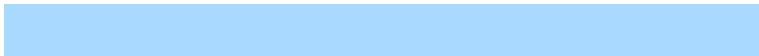
4AF0E0

Triad

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



89EDB4



A8DAFF



FFBDA8

Complementary

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



89EDB4



ED89C2

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.



FFB7D2



89EDB4



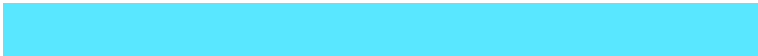
E9CAFF

Square

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



89EDB4



59E7FF



FFBCFD



FFCA8A

Rectangle

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



89EDB4



18EFFF



FFBCFD



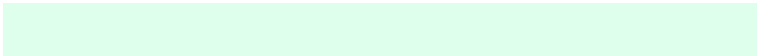
FFB9B5

Sweetspot

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



89EDB4



DEFFEC



C3ED89



6B8074



000000



808080

Same Dimension

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



89EDB4



7DFFB5



89EDE5



6A756F



00B54E



003617

Inverse Universe

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



ED89C2



FF7DC7



ED8991



756A70



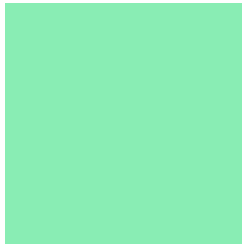
B50067



36001F

Previews

White Background



This preview shows how the Hex color 89EDB4 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 89EDB4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

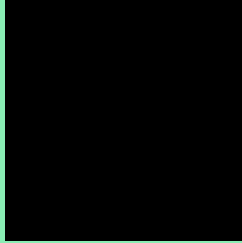
Any Text WCAG AA ✓ Pass

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 89EDB4 Background



This preview shows how black text looks on a background with the Hex color 89EDB4.

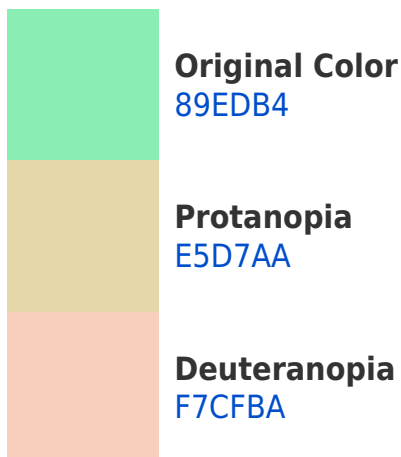


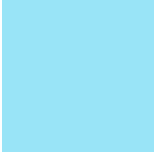
This preview shows how white text looks on a background with the Hex color 89EDB4.

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
99E4F7

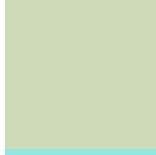
Trichromacy



Original Color
89EDB4



Protanomaly
C4DFAE



Deuteranomaly
CFDAB8

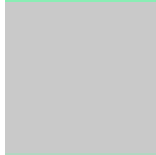


Tritanomaly
93E7DF

Monochromacy



Original Color
89EDB4



Achromatopsia
C9C9C9



Achromatomaly
B2D6C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 89EDB4 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 #89EDB4 looks like.

```
.text, #text, p{  
    color:#89EDB4  
}
```

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 #89EDB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89EDB4 }  
}
```

Border

The CSS property to change the border of an element to Hex 89EDB4 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 #89EDB4 }  
}
```

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

```
.border{ border-color:#89EDB4 }
```

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

Here you see how a box with a 4 pixel #89EDB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89EDB4; -webkit-box-shadow:4px 4px  
4px 4px #89EDB4; box-shadow:4px 4px 4px  
4px #89EDB4 }
```

Background

The CSS property to change the background color of an element to Hex 89EDB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89EDB4 }
```

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

```
.background{ background-color:#89EDB4 }
```

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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