

Converting Colors

Hex(89EAE4)

Have a look what the booklet for
Hex(89EAE4) contains.

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Color

Hex(89EAE4)

Conversions

Conversions Part 1

Format	Color
Hex	89EAE4
RGB	137, 234, 228
RGB Percent	54%, 92%, 89%
CMY	0.4627, 0.0824, 0.1059
CMYK	0.41, 0.00, 0.03, 0.08
HSL	176°, 70%, 73%
HSV	176°, 41%, 92%
XYZ	53.7429, 69.7654, 84.0323
YIQ	204.3130, -55.8860, -22.4300

Conversions

Conversions Part 2

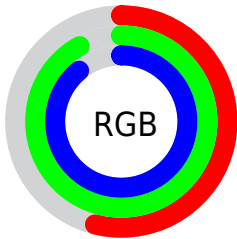
Format	Color
R _Y B	137, 187, 234
Decimal	9038564
CIE Lab	86.88, -30.00, -6.07
CIE LCh	87, 30.606, 191.441
Yxy	69.7654, 0.2590, 0.3362
Android (android.graphics.Color)	4287228644 (0xFF89EAE4)
YUV	204.3130, 11.6777, -59.0335
Hunter-Lab	83.5257, -31.3178, -1.1816

Details

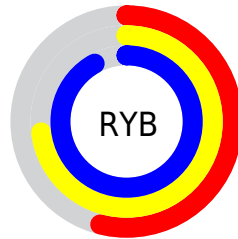
The Hex color **89EAE4** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EA898F**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **C3FFFF**, and **4FB2AD** is the 20% darker color. If you saturate the color by 10%, you get **72EAE3**, and if you desaturate by 10%, it is **A0EAE5**.

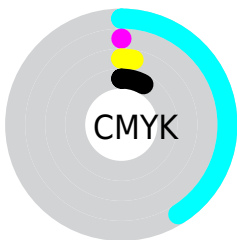
Distribution



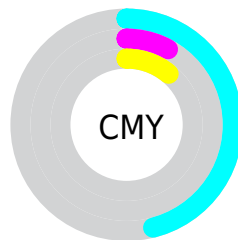
- Red (54%)
- Green (92%)
- Blue (89%)



- Red (54%)
- Yellow (73%)
- Blue (92%)



- Cyan (41%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (46%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89EAE4 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 89EAE4 by changing the saturation by 10% instead.

 89EAE4

 89EAE4

FFFFFF

 6CCEC8

 C3FFFF

 4FB2AD

 E0FFFF

 2F9792

FEFFFF

 007D78

 006360

 004B48

 003432

 00211D

 000002

 89EAE4

 89EAE4

 72EAE3

 A0EAE5

 5AEAE1

 B8EAE7

 43EAE0

 CFEAE8

 2BEADE

 E7EAEA

 14EADD

 FEEAEB

 00EADC

 FFEAED

 FFEAEE

 FFEAF0

 FFEAF1

Harmonies

Analogous

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



A2E8C6



89EAE4



85E8FF

Triad

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



89EAE4



ECCEFF



FFD2A3

Complementary

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



89EAE4



EA898F

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.



FFC9B4



89EAE4



FFC7ED

Square

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



89EAE4



C5D8FF



FFC5CF



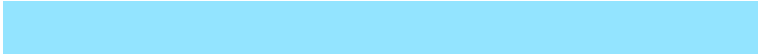
E4DBA0

Rectangle

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



89EAE4



93E4FF



FFC5CF



FFCEA7

Sweetspot

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



89EAE4



E0FFFD



8FEA89



6E807E



000000



808080

Same Dimension

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



89EAE4



80FFF7



89C0EA



6A7575



00B5AA



003632

Inverse Universe

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



EA898F



FF8087



EAB389



756A6A



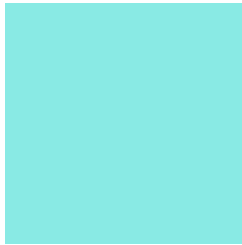
B5000B



360003

Previews

White Background



This preview shows how the Hex color 89EAE4 looks on a white background.

Color Contrast Check

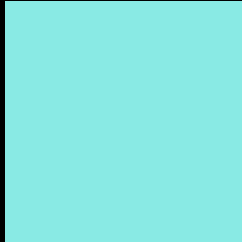
Large Text (above 18pt) WCAG AA × Fail

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 89EAE4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

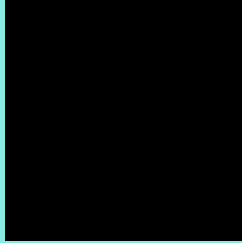
Any Text WCAG AA ✓ Pass

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 89EAE4 Background



This preview shows how black text looks on a background with the Hex color 89EAE4.

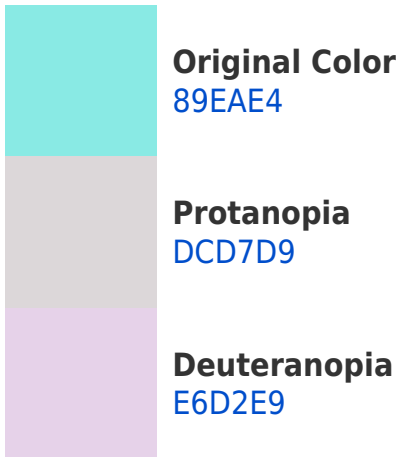


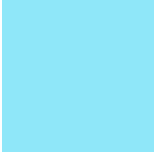
This preview shows how white text looks on a background with the Hex color 89EAE4.

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
8FE7F9

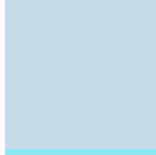
Trichromacy



Original Color
89EAE4



Protanomaly
BEDEDD



Deuteranomaly
C4DBE7

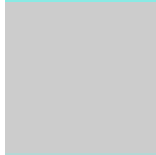


Tritanomaly
8DE8F1

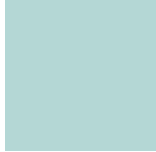
Monochromacy



Original Color
89EAE4



Achromatopsia
CCCCCC



Achromatomaly
B4D7D5

CSS Examples

Text

The CSS property to change the color of the text to Hex 89EAE4 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 #89EAE4 looks like.

```
.text, #text, p{  
    color:#89EAE4  
}
```

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 #89EAE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89EAE4  
}
```

Border

The CSS property to change the border of an element to Hex 89EAE4 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  
#89EAE4 }
```

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

```
.border{ border-color:#89EAE4 }
```

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

Here you see how a box with a 4 pixel #89EAE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89EAE4; -webkit-box-shadow:4px 4px  
4px 4px #89EAE4; box-shadow:4px 4px 4px  
4px #89EAE4 }
```

Background

The CSS property to change the background color of an element to Hex 89EAE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89EAE4 }
```

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

```
.background{ background-color:#89EAE4 }
```

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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