

Converting Colors

Hex(89C6EA)

Have a look what the booklet for
Hex(89C6EA) contains.

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Color

Hex(89C6EA)

Conversions

Conversions Part 1

Format	Color
Hex	89C6EA
RGB	137, 198, 234
RGB Percent	54%, 78%, 92%
CMY	0.4627, 0.2235, 0.0824
CMYK	0.41, 0.15, 0.00, 0.08
HSL	202°, 70%, 73%
HSV	202°, 41%, 92%
XYZ	45.3619, 51.6470, 85.4200
YIQ	183.8650, -47.9120, -1.7360

Conversions

Conversions Part 2

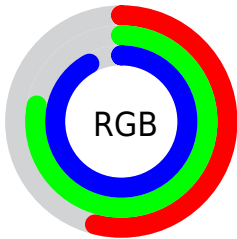
Format	Color
RYB	137, 174, 234
Decimal	9029354
CIELab	77.07, -10.42, -23.99
CIELCh	77, 26.159, 246.523
Yxy	51.6470, 0.2487, 0.2831
Android (android.graphics.Color)	4287219434 (0xFF89C6EA)
YUV	183.8650, 24.7166, -41.1006
Hunter-Lab	71.8659, -13.0957, -20.1661

Details

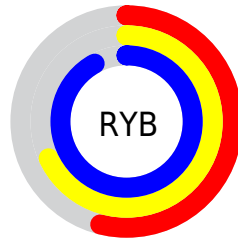
The Hex color **89C6EA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EAAD89**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **C2FFFF**, and **5190B2** is the 20% darker color. If you saturate the color by 10%, you get **72BDEA**, and if you desaturate by 10%, it is **A0CFEA**.

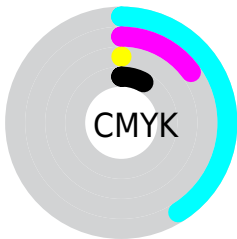
Distribution



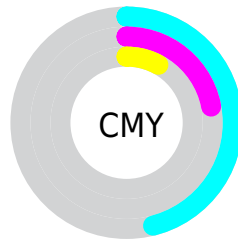
- Red (54%)
- Green (78%)
- Blue (92%)



- Red (54%)
- Yellow (68%)
- Blue (92%)



- Cyan (41%)
- Magenta (15%)
- Yellow (0%)
- Black (8%)



- Cyan (46%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89C6EA 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 89C6EA by changing the saturation by 10% instead.

 89C6EA

 89C6EA

FFFFFF

 6DABCE

 C2FFFF

 5190B2

 DFFFFFF

 347797

 FCFFFF

 0F5E7D

 004664

 00304C

 001C35

 000220

 000004

89C6EA

89C6EA

72BDEA

A0CFEA

5AB5EA

B8D7EA

43ACEA

CFE0EA

2BA3EA

E7E9EA

149BEA

FEF1EA

0093EA

FFFAEA

FFFFEA

Harmonies

Analogous

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



78CBDA



89C6EA



A8BFEE

Triad

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



89C6EA



EFADBA



B0C697

Complementary

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



89C6EA



EAAD89

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.



CBBE8E



89C6EA



EEB0A3

Square

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



89C6EA



E2AFD2



E1B693



95CAAA

Rectangle

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



89C6EA



BFB9E9



E1B693



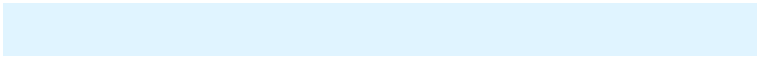
B9C393

Sweetspot

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



89C6EA



E0F4FF



89EAAD



6E7980



000000



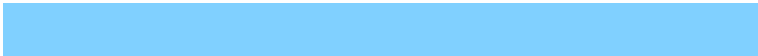
808080

Same Dimension

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



89C6EA



80D0FF



8996EA



6A7175



0072B5



002236

Inverse Universe

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



EA89C6



FF80D0



EADD89



756A71



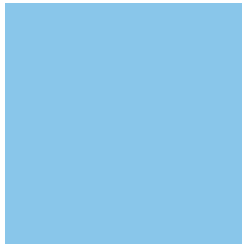
B50072



360022

Previews

White Background



This preview shows how the Hex color 89C6EA looks on a white background.

Color Contrast Check

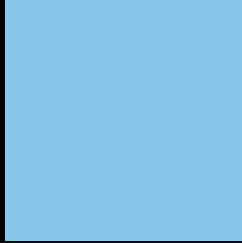
Large Text (above 18pt) WCAG AA × Fail

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 89C6EA 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 89C6EA Background



This preview shows how black text looks on a background with the Hex color 89C6EA.

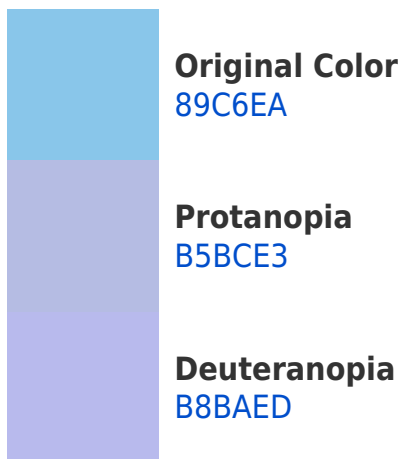


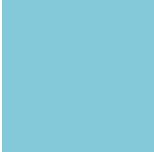
This preview shows how white text looks on a background with the Hex color 89C6EA.

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](#).

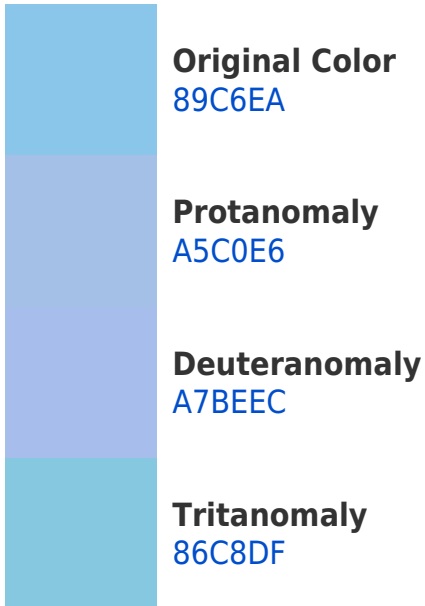
Dichromacy



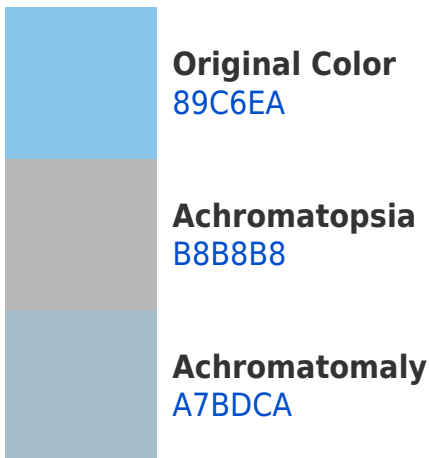


Tritanopia
84C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89C6EA 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 #89C6EA looks like.

```
.text, #text, p{  
    color:#89C6EA  
}
```

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 #89C6EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89C6EA
}
```

Border

The CSS property to change the border of an element to Hex 89C6EA 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
#89C6EA }
```

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

```
.border{ border-color:#89C6EA }
```

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

Here you see how a box with a 4 pixel #89C6EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89C6EA; -webkit-box-shadow:4px 4px  
4px 4px #89C6EA; box-shadow:4px 4px 4px  
4px #89C6EA }
```

Background

The CSS property to change the background color of an element to Hex 89C6EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89C6EA }
```

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

```
.background{ background-color:#89C6EA }
```

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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