

Converting Colors

Hex(89BDEC)

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

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Color

Hex(89BDEC)

Conversions

Conversions Part 1

Format	Color
Hex	89BDEC
RGB	137, 189, 236
RGB Percent	54%, 74%, 93%
CMY	0.4627, 0.2588, 0.0745
CMYK	0.42, 0.20, 0.00, 0.07
HSL	208°, 72%, 73%
HSV	208°, 42%, 93%
XYZ	43.6544, 47.7697, 86.2765
YIQ	178.8100, -46.0790, 3.5930

Conversions

Conversions Part 2

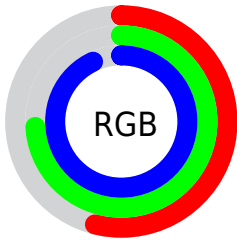
Format	Color
RYB	137, 171, 236
Decimal	9027052
CIELab	74.68, -5.09, -28.73
CIELCh	75, 29.175, 259.962
Yxy	47.7697, 0.2457, 0.2688
Android (android.graphics.Color)	4287217132 (0xFF89BDEC)
YUV	178.8100, 28.1947, -36.6674
Hunter-Lab	69.1156, -8.2091, -25.6303

Details

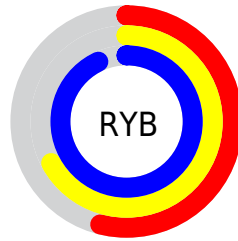
The Hex color **89BDEC** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **ECB889**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **C2F5FF**, and **5188B4** is the 20% darker color. If you saturate the color by 10%, you get **71B2EC**, and if you desaturate by 10%, it is **A1C8EC**.

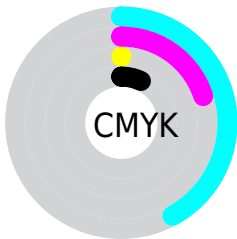
Distribution



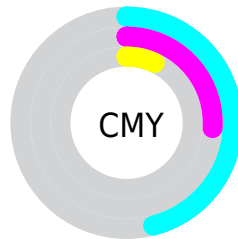
- Red (54%)
- Green (74%)
- Blue (93%)



- Red (54%)
- Yellow (67%)
- Blue (93%)



- Cyan (42%)
- Magenta (20%)
- Yellow (0%)
- Black (7%)



- Cyan (46%)
- Magenta (26%)
- Yellow (7%)

Brightness & Saturation Gradients

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

■ 89BDEC

■ 89BDEC

FFFFFF

■ 6DA2D0

■ C2F5FF

■ 5188B4

■ DFFFFF

■ 346F99

■ FCFFFF

■ 0F567F

■ 003F66

■ 00294E

■ 001536

■ 000221

■ 000006

■ 89BDEC

■ 89BDEC

■ 71B2EC

■ A1C8EC

■ 5AA7EC

■ B8D3EC

■ 429BEC

■ D0DFEC

■ 2B90EC

■ E7EAEC

■ 1385EC

■ FFF5EC

■ 007CEC

■ FFFFEC

Harmonies

Analogous

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



6BC3E0



89BDEC



AFB4EA

Triad

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



89BDEC



EEA5A7



9AC295

Complementary

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



89BDEC



ECB889

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.



B8BC85



89BDEC



E7AA90

Square

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



89BDEC



E7A5C2



D3B383



7CC6AD

Rectangle

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



89BDEC



C7AEE1



D3B383



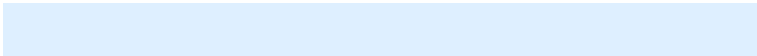
A4C08E

Sweetspot

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



89BDEC



DEEFFF



89ECB7



6B7680



000000



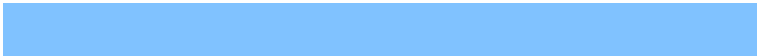
808080

Same Dimension

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



89BDEC



80C2FF



898CEC



6A7075



005FB5



001C36

Inverse Universe

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



EC89BD



FF80C2



ECE989



756A70



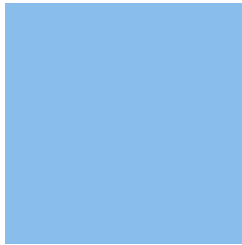
B5005F



36001C

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

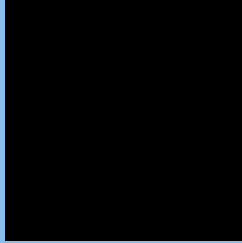
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

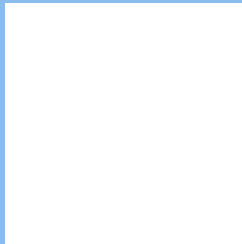
Any Text WCAG AAA ✓ Pass

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

Hex 89BDEC Background



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

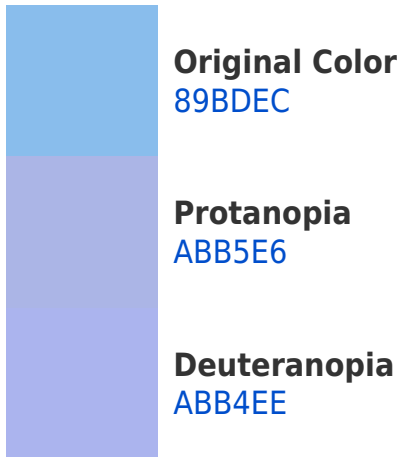


This preview shows how white text looks on a background with the Hex color 89BDEC.

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](#).

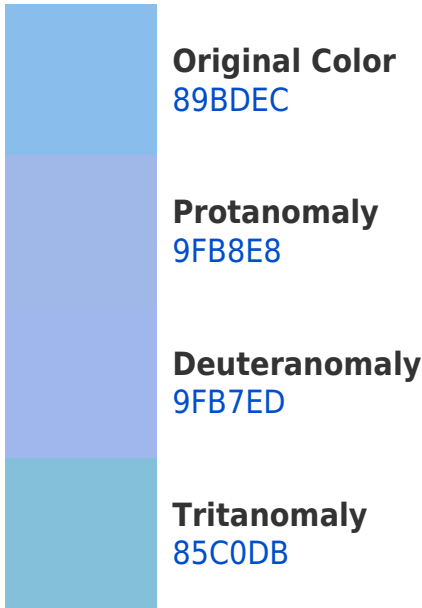
Dichromacy



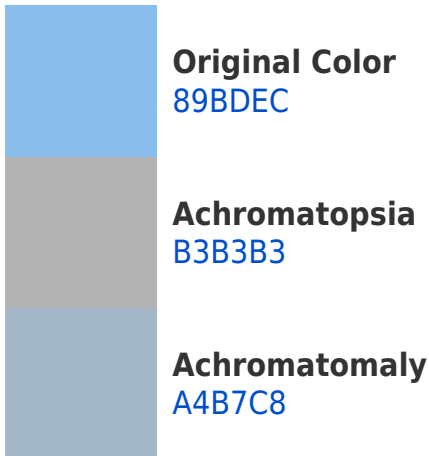


Tritanopia
82C2D1

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #89BDEC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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