

Converting Colors

Hex(89B5DC)

Have a look what the booklet for
Hex(89B5DC) contains.

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Color

Hex(89B5DC)

Conversions

Conversions Part 1

Format	Color
Hex	89B5DC
RGB	137, 181, 220
RGB Percent	54%, 71%, 86%
CMY	0.4627, 0.2902, 0.1373
CMYK	0.38, 0.18, 0.00, 0.14
HSL	208°, 54%, 70%
HSV	208°, 38%, 86%
XYZ	39.7587, 43.5334, 74.0174
YIQ	172.2900, -38.7430, 2.8010

Conversions

Conversions Part 2

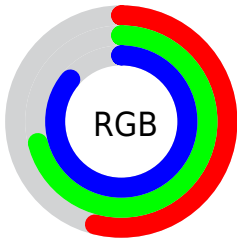
Format	Color
R _{YB}	137, 166, 220
Decimal	9024988
CIE Lab	71.92, -5.01, -24.28
CIE LCh	72, 24.787, 258.346
Yxy	43.5334, 0.2527, 0.2767
Android (android.graphics.Color)	4287215068 (0xFF89B5DC)
YUV	172.2900, 23.5210, -30.9493
Hunter-Lab	65.9799, -7.9028, -20.3267

Details

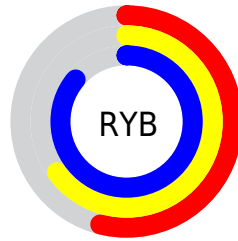
The Hex color **89B5DC** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DCB089**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **C1EDFF**, and **5380A5** is the 20% darker color. If you saturate the color by 10%, you get **73ABDC**, and if you desaturate by 10%, it is **9FBFDC**.

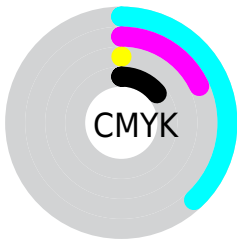
Distribution



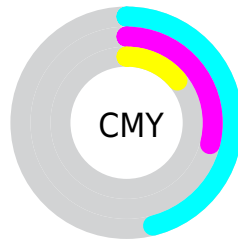
- Red (54%)
- Green (71%)
- Blue (86%)



- Red (54%)
- Yellow (65%)
- Blue (86%)



- Cyan (38%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)



- Cyan (46%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89B5DC 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 89B5DC by changing the saturation by 10% instead.

 89B5DC

 89B5DC

FFFFFF

 6E9AC0

 C1EDFF

 5380A5

 DDFFFF

 38678A

 FBFFFF

 1A4F71

 003958

 002341

 000D2B

 000115

 000000

89B5DC

89B5DC

73ABDC

9FBFDC

5DA0DC

B5CADC

4796DC

CBD4DC

318CDC

E1DEDC

1B81DC

F7E9DC

0577DC

FFF3DC

0075DC

FFFDDC

FFFFDC

Harmonies

Analogous

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



73BAD1



89B5DC



A8AEDB

Triad

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



89B5DC



DFA0A3



99B992

Complementary

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



89B5DC



DCB089

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.



B3B385



89B5DC



D9A58F

Square

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



89B5DC



D8A1BA



C9AC84



80BCA6

Rectangle

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



89B5DC



BCA8D4



C9AC84



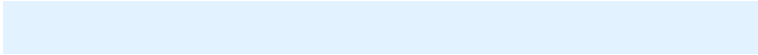
A1B78C

Sweetspot

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



89B5DC



E3F2FF



89DCB0



6F7880



000000



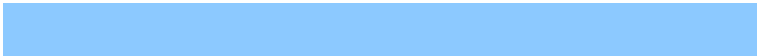
808080

Same Dimension

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



89B5DC



8CC9FF



898CDC



63686E



005CAD



00182E

Inverse Universe

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



DC89B5



FF8CC9



DCD989



6E6368



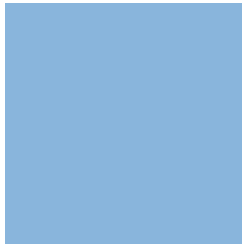
AD005C



2E0018

Previews

White Background



This preview shows how the Hex color 89B5DC looks on a white background.

Color Contrast Check

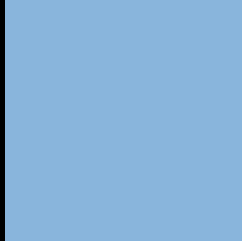
Large Text (above 18pt) WCAG AA × Fail

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 89B5DC 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

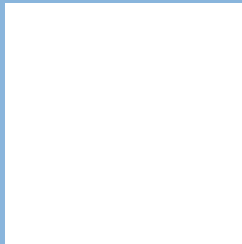
Any Text WCAG AAA ✓ Pass

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

Hex 89B5DC Background



This preview shows how black text looks on a background with the Hex color 89B5DC.

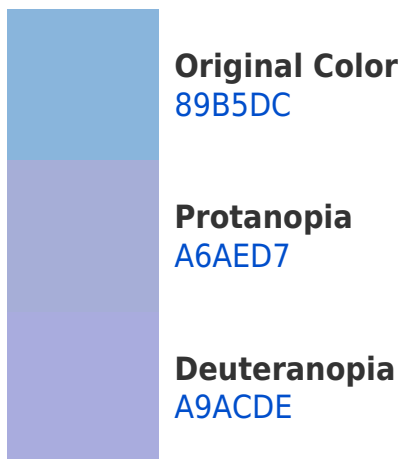


This preview shows how white text looks on a background with the Hex color 89B5DC.

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](#).

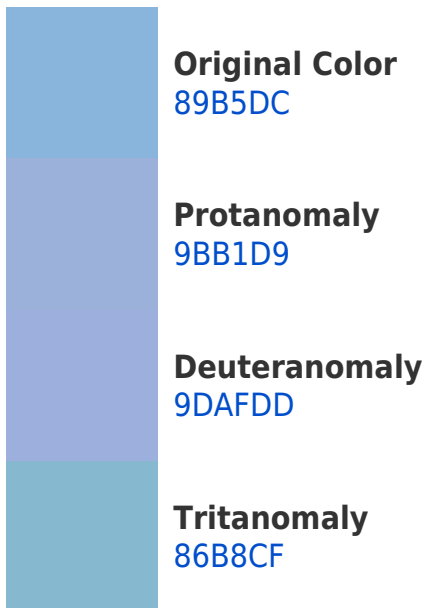
Dichromacy



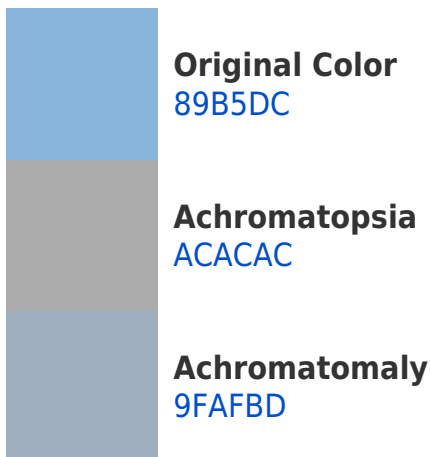


Tritanopia
84B9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89B5DC 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 #89B5DC looks like.

```
.text, #text, p{  
    color:#89B5DC  
}
```

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 #89B5DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89B5DC  
}
```

Border

The CSS property to change the border of an element to Hex 89B5DC 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  
#89B5DC }
```

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

```
.border{ border-color:#89B5DC }
```

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

Here you see how a box with a 4 pixel #89B5DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89B5DC; -webkit-box-shadow:4px 4px  
4px 4px #89B5DC; box-shadow:4px 4px 4px  
4px #89B5DC }
```

Background

The CSS property to change the background color of an element to Hex 89B5DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89B5DC }
```

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

```
.background{ background-color:#89B5DC }
```

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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