

Converting Colors

Hex(87B9DB)

Have a look what the booklet for
Hex(87B9DB) contains.

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Color

Hex(87B9DB)

Conversions

Conversions Part 1

Format	Color
Hex	87B9DB
RGB	135, 185, 219
RGB Percent	53%, 73%, 86%
CMY	0.4706, 0.2745, 0.1412
CMYK	0.38, 0.16, 0.00, 0.14
HSL	204°, 54%, 69%
HSV	204°, 38%, 86%
XYZ	40.1268, 44.9633, 73.5817
YIQ	173.9260, -40.7140, -0.0260

Conversions

Conversions Part 2

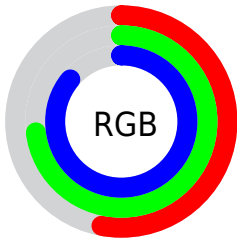
Format	Color
RYB	135, 166, 219
Decimal	8894939
CIELab	72.87, -7.96, -22.29
CIELCh	73, 23.668, 250.346
Yxy	44.9633, 0.2529, 0.2834
Android (android.graphics.Color)	4287085019 (0xFF87B9DB)
YUV	173.9260, 22.2215, -34.1381
Hunter-Lab	67.0547, -10.5278, -18.1230

Details

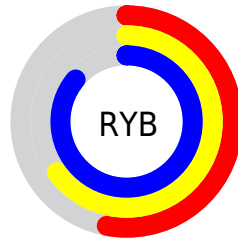
The Hex color **87B9DB** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DBA987**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **BFF1FF**, and **5184A4** is the 20% darker color. If you saturate the color by 10%, you get **71B0DB**, and if you desaturate by 10%, it is **9DC2DB**.

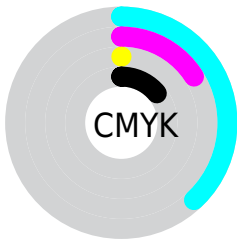
Distribution



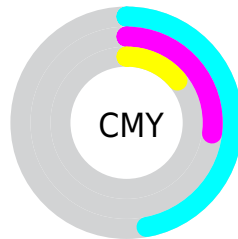
- Red (53%)
- Green (73%)
- Blue (86%)



- Red (53%)
- Yellow (65%)
- Blue (86%)



- Cyan (38%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (47%)
- Magenta (27%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B9DB 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 87B9DB by changing the saturation by 10% instead.

 87B9DB

 87B9DB

FFFFFF

 6C9EBF

 BFF1FF

 5184A4

 DBFFFF

 356B8A

 F9FFFF

 165370

 003C58

 002640

 00122A

 000115

 000000

87B9DB

87B9DB

71B0DB

9DC2DB

5BA7DB

B3CBDB

459EDB

C9D4DB

2F96DB

DFDCDB

1A8DDB

F4E5DB

0484DB

FFEEDB

0082DB

FFF7DB

FFFFDB

Harmonies

Analogous

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



76BECE



87B9DB



A3B2DD

Triad

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



87B9DB



DFA3AC



A3BA91

Complementary

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



87B9DB



DBA987

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.



BBB488



87B9DB



DDA698

Square

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



87B9DB



D5A5C2



D0AD8B



8BBEA4

Rectangle

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



87B9DB



B7ADD8



D0AD8B



ABB88D

Sweetspot

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



87B9DB



E0F3FF



87DBA9



6E7880



000000



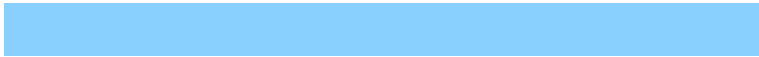
808080

Same Dimension

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



87B9DB



8AD0FF



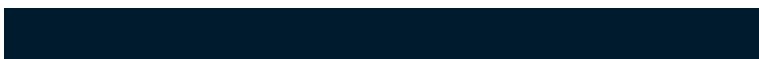
878FDB



63696E



0067AD



001B2E

Inverse Universe

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



DB87B9



FF8AD0



DBD387



6E6369



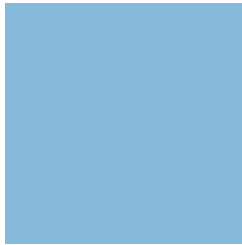
AD0067



2E001B

Previews

White Background



This preview shows how the Hex color 87B9DB looks on a white background.

Color Contrast Check

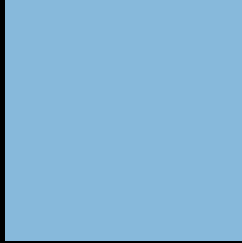
Large Text (above 18pt) WCAG AA × Fail

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 87B9DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

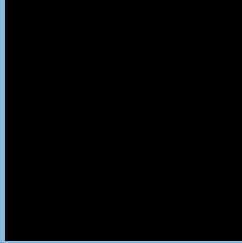
Any Text WCAG AA ✓ Pass

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 87B9DB Background



This preview shows how black text looks on a background with the Hex color 87B9DB.

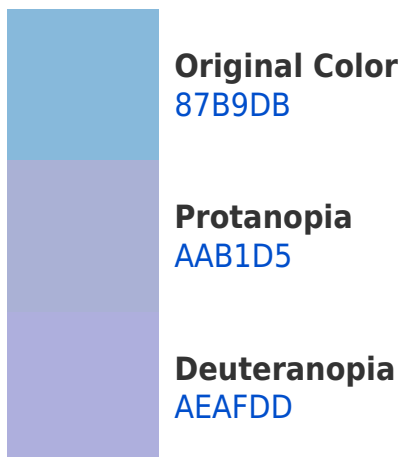


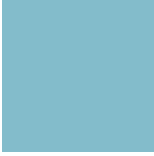
This preview shows how white text looks on a background with the Hex color 87B9DB.

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](#).

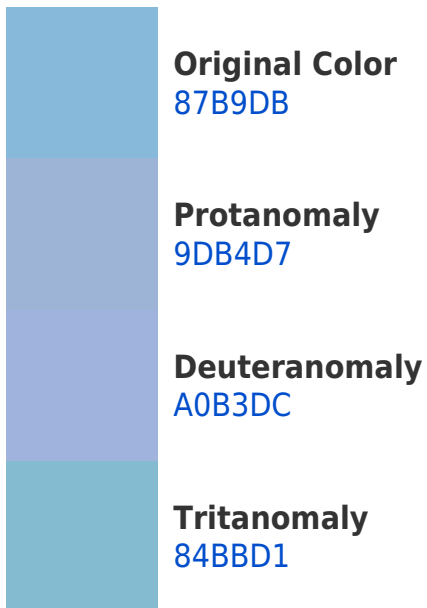
Dichromacy



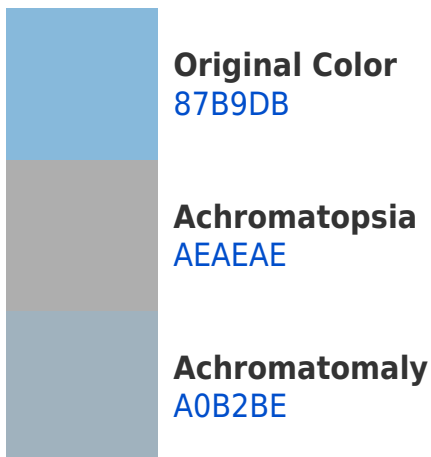


Tritanopia
83BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87B9DB 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 #87B9DB looks like.

```
.text, #text, p{  
    color:#87B9DB  
}
```

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 #87B9DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B9DB
}
```

Border

The CSS property to change the border of an element to Hex 87B9DB 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
#87B9DB }
```

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

```
.border{ border-color:#87B9DB }
```

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

Here you see how a box with a 4 pixel #87B9DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B9DB; -webkit-box-shadow:4px 4px  
4px 4px #87B9DB; box-shadow:4px 4px 4px  
4px #87B9DB }
```

Background

The CSS property to change the background color of an element to Hex 87B9DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B9DB }
```

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

```
.background{ background-color:#87B9DB }
```

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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