

Converting Colors

Hex(87B9DA)

Have a look what the booklet for
Hex(87B9DA) contains.

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Color

Hex(87B9DA)

Conversions

Conversions Part 1

Format	Color
Hex	87B9DA
RGB	135, 185, 218
RGB Percent	53%, 73%, 85%
CMY	0.4706, 0.2745, 0.1451
CMYK	0.38, 0.15, 0.00, 0.15
HSL	204°, 53%, 69%
HSV	204°, 38%, 85%
XYZ	39.9955, 44.9108, 72.8903
YIQ	173.8120, -40.3930, -0.3370

Conversions

Conversions Part 2

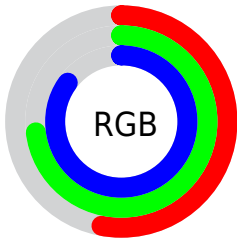
Format	Color
RYB	135, 166, 218
Decimal	8894938
CIELab	72.83, -8.22, -21.80
CIELCh	73, 23.296, 249.336
Yxy	44.9108, 0.2535, 0.2846
Android (android.graphics.Color)	4287085018 (0xFF87B9DA)
YUV	173.8120, 21.7847, -34.0381
Hunter-Lab	67.0155, -10.7465, -17.5767

Details

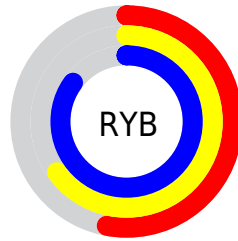
The Hex color **87B9DA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DAA887**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **BFF1FF**, and **5184A3** is the 20% darker color. If you saturate the color by 10%, you get **71B0DA**, and if you desaturate by 10%, it is **9DC2DA**.

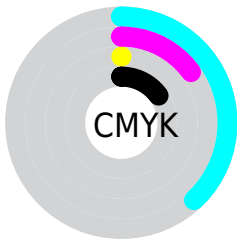
Distribution



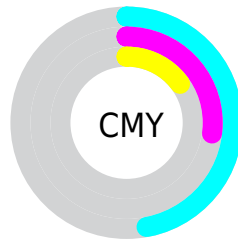
- Red (53%)
- Green (73%)
- Blue (85%)



- Red (53%)
- Yellow (65%)
- Blue (85%)



- Cyan (38%)
- Magenta (15%)
- Yellow (0%)
- Black (15%)



- Cyan (47%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B9DA 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 87B9DA by changing the saturation by 10% instead.

 87B9DA

 87B9DA

FFFFFF

 6C9EBE

 BFF1FF

 5184A3

 DBFFFF

 366B89

 F9FFFF

 17536F

 003C57

 00263F

 001229

 000114

 000000

87B9DA

87B9DA

71B0DA

9DC2DA

5BA8DA

B3CADA

469FDA

C8D3DA

3096DA

DEDCDA

1A8EDA

F4E4DA

0485DA

FFEDDA

0083DA

FFF6DA

FFFEDA

FFFFDA

Harmonies

Analogous

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



77BDCD



87B9DA



A2B2DC

Triad

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



87B9DA



DEA3AD



A4BA91

Complementary

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



87B9DA



DAA887

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.



BCB389



87B9DA



DCA699

Square

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



87B9DA



D4A5C2



D0AC8B



8CBEA3

Rectangle

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



87B9DA



B6ADD8



D0AC8B



ACB88D

Sweetspot

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



87B9DA



E3F4FF



87DAA7



6F7980



000000



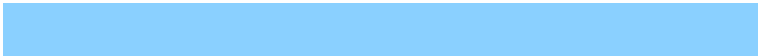
808080

Same Dimension

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



87B9DA



8AD0FF



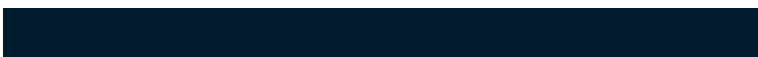
8791DA



63696E



0068AD



001C2E

Inverse Universe

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



DA87B9



FF8AD0



DAD087



6E6369



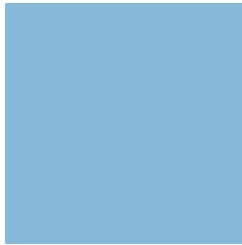
AD0068



2E001C

Previews

White Background



This preview shows how the Hex color 87B9DA looks on a white background.

Color Contrast Check

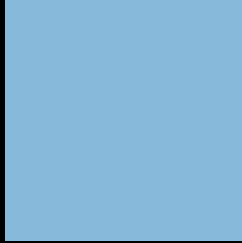
Large Text (above 18pt) WCAG AA × Fail

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 87B9DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

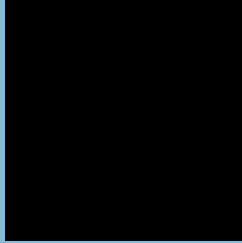
Any Text WCAG AA ✓ Pass

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 87B9DA Background



This preview shows how black text looks on a background with the Hex color 87B9DA.

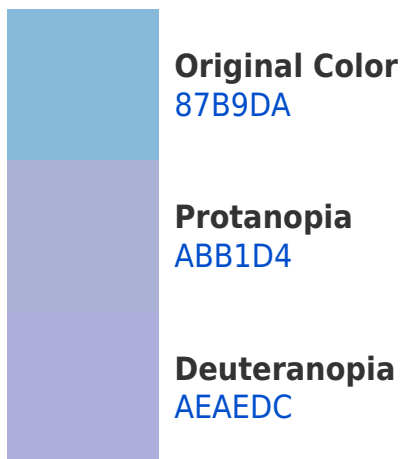


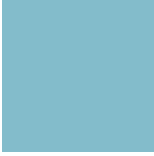
This preview shows how white text looks on a background with the Hex color 87B9DA.

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](#).

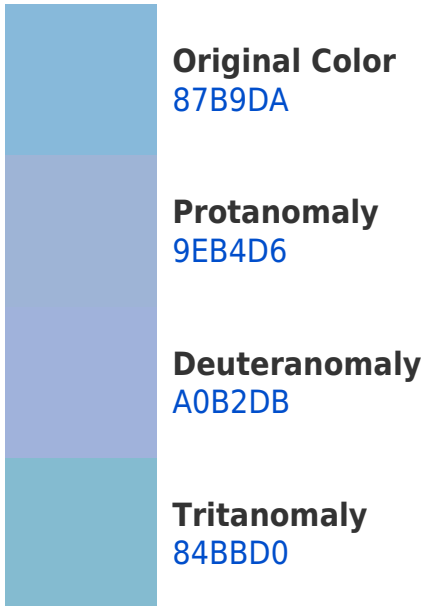
Dichromacy



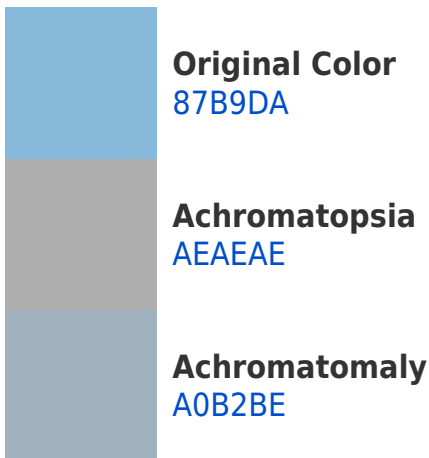


Tritanopia
83BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87B9DA 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 #87B9DA looks like.

```
.text, #text, p{  
    color:#87B9DA  
}
```

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 #87B9DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B9DA
}
```

Border

The CSS property to change the border of an element to Hex 87B9DA 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
#87B9DA }
```

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

```
.border{ border-color:#87B9DA }
```

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

Here you see how a box with a 4 pixel #87B9DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B9DA; -webkit-box-shadow:4px 4px  
4px 4px #87B9DA; box-shadow:4px 4px 4px  
4px #87B9DA }
```

Background

The CSS property to change the background color of an element to Hex 87B9DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B9DA }
```

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

```
.background{ background-color:#87B9DA }
```

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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