

Converting Colors

Hex(86B3DB)

Have a look what the booklet for
Hex(86B3DB) contains.

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Color

Hex(86B3DB)

Conversions

Conversions Part 1

Format	Color
Hex	86B3DB
RGB	134, 179, 219
RGB Percent	53%, 70%, 86%
CMY	0.4745, 0.2980, 0.1412
CMYK	0.39, 0.18, 0.00, 0.14
HSL	208°, 54%, 69%
HSV	208°, 39%, 86%
XYZ	38.7378, 42.4230, 73.1646
YIQ	170.1050, -39.6600, 2.9000

Conversions

Conversions Part 2

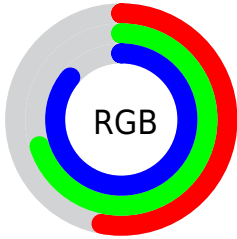
Format	Color
RYB	134, 163, 219
Decimal	8827867
CIELab	71.16, -4.99, -24.90
CIELCh	71, 25.393, 258.677
Yxy	42.4230, 0.2510, 0.2749
Android (android.graphics.Color)	4287017947 (0xFF86B3DB)
YUV	170.1050, 24.1052, -31.6641
Hunter-Lab	65.1329, -7.8198, -21.0081

Details

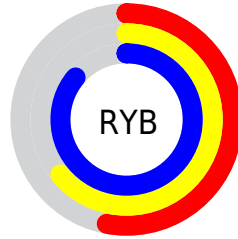
The Hex color **86B3DB** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DBAE86**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **BEEBFF**, and **507EA4** is the 20% darker color. If you saturate the color by 10%, you get **70A9DB**, and if you desaturate by 10%, it is **9CBDDB**.

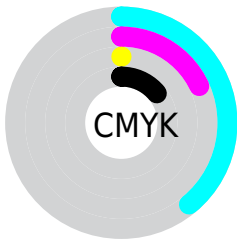
Distribution



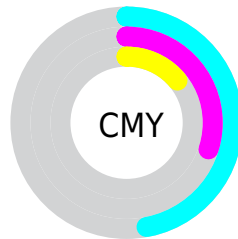
- Red (53%)
- Green (70%)
- Blue (86%)



- Red (53%)
- Yellow (64%)
- Blue (86%)



- Cyan (39%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)



- Cyan (47%)
- Magenta (30%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86B3DB 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 86B3DB by changing the saturation by 10% instead.

86B3DB

86B3DB

FFFFFF

6B98BF

BEEBFF

507EA4

DAFFFF

35658A

F8FFFF

154E70

003757

002240

000B2A

000114

000000

86B3DB

86B3DB

70A9DB

9CBDDDB

5A9EDB

B2C8DB

4494DB

C8D2DB

2E8ADB

DEDCDB

197FDB

F4E7DB

0375DB

FFF1DB

0074DB

FFFBDB

FFFFDB

Harmonies

Analogous

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



6FB9D0



86B3DB



A6ABDA

Triad

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



86B3DB



DE9EA0



96B78F

Complementary

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



86B3DB



DBAE86

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.



B0B182



86B3DB



D8A28C

Square

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



86B3DB



D79EB8



C7AA81



7DBBA4

Rectangle

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



86B3DB



BAA6D2



C7AA81



9FB68A

Sweetspot

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



86B3DB



E0F1FF



86DBAE



6E7780



000000



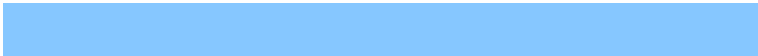
808080

Same Dimension

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



86B3DB



87C7FF



8689DB



63686E



005CAD



00182E

Inverse Universe

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



DB86B3



FF87C7



DBD886



6E6368



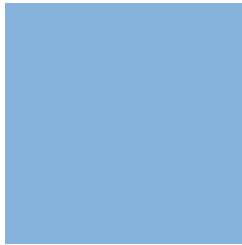
AD005C



2E0018

Previews

White Background



This preview shows how the Hex color 86B3DB looks on a white background.

Color Contrast Check

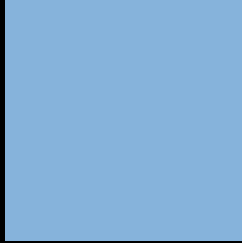
Large Text (above 18pt) WCAG AA × Fail

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 86B3DB 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

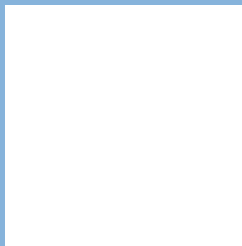
Any Text WCAG AAA ✓ Pass

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

Hex 86B3DB Background



This preview shows how black text looks on a background with the Hex color 86B3DB.

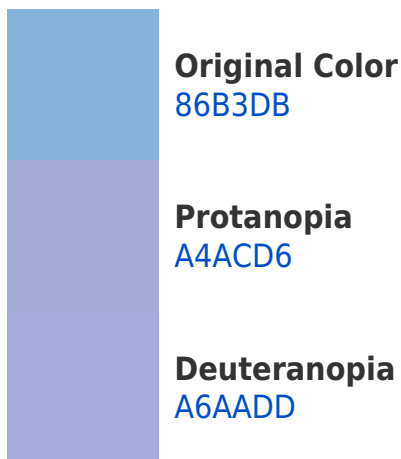


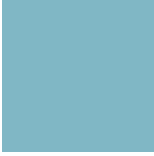
This preview shows how white text looks on a background with the Hex color 86B3DB.

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](#).

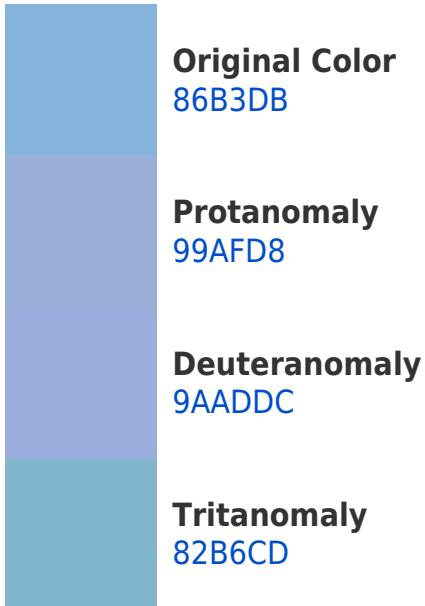
Dichromacy



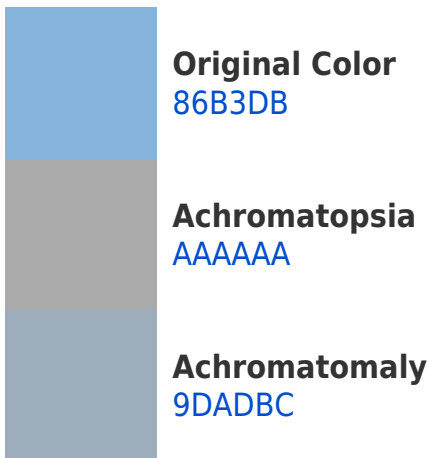


Tritanopia
80B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86B3DB 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 #86B3DB looks like.

```
.text, #text, p{  
    color:#86B3DB  
}
```

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 #86B3DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86B3DB
}
```

Border

The CSS property to change the border of an element to Hex 86B3DB is called "border". The border property can be set on classes, ids or directly on the HTML element.

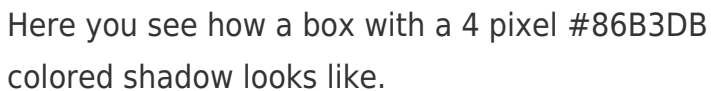
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86B3DB }
```

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

```
.border{ border-color:#86B3DB }
```

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



Here you see how a box with a 4 pixel #86B3DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86B3DB; -webkit-box-shadow:4px 4px  
4px 4px #86B3DB; box-shadow:4px 4px 4px  
4px #86B3DB }
```

Background

The CSS property to change the background color of an element to Hex 86B3DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86B3DB }
```

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

```
.background{ background-color:#86B3DB }
```

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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