

# Converting Colors

Hex(8AB7DB)

Have a look what the booklet for  
Hex(8AB7DB) contains.

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# **Color**

**Hex(8AB7DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AB7DB
RGB	138, 183, 219
RGB Percent	54%, 72%, 86%
CMY	0.4588, 0.2824, 0.1412
CMYK	0.37, 0.16, 0.00, 0.14
HSL	207°, 53%, 70%
HSV	207°, 37%, 86%
XYZ	40.2009, 44.3847, 73.4661
YIQ	173.6490, -38.3760, 1.6560

# Conversions

## Conversions Part 2

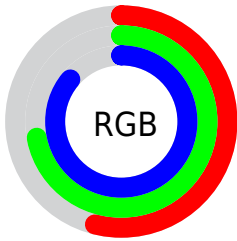
Format	Color
<a href="#">RYB</a>	<a href="#">138, 167, 219</a>
Decimal	<a href="#">9091035</a>
CIELab	<a href="#">72.48, -6.08, -22.86</a>
CIElCh	<a href="#">72, 23.652, 255.105</a>
Yxy	<a href="#">44.3847, 0.2544, 0.2808</a>
Android (android.graphics.Color)	<a href="#">4287281115 (0xFF8AB7DB)</a>
YUV	<a href="#">173.6490, 22.3580, -31.2642</a>
Hunter-Lab	<a href="#">66.6219, -8.8779, -18.7457</a>

# Details

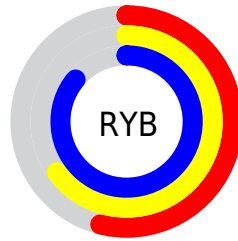
The Hex color **8AB7DB** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DBAE8A**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **C2EFFF**, and **5482A4** is the 20% darker color. If you saturate the color by 10%, you get **74ADD8**, and if you desaturate by 10%, it is **A0C1DB**.

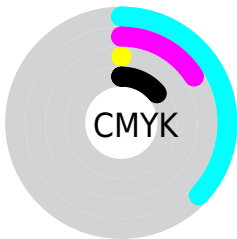
# Distribution



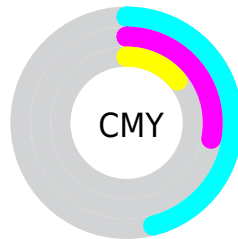
- Red (54%)
- Green (72%)
- Blue (86%)



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



- Cyan (37%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (46%)
- Magenta (28%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AB7DB 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 8AB7DB by changing the saturation by 10% instead.



 8AB7DB

 8AB7DB

FFFFFF

 6F9CBF

 C2EFFF

 5482A4

 DEFFFF

 39698A

 FCFFFF

 1C5170

 003A57

 002540

 00102A

 000115

 000000

■ 8AB7DB

■ 8AB7DB

■ 74ADDB

■ A0C1DB

■ 5EA4DB

■ B6CADB

■ 489ADB

■ CCD4DB

■ 3290DB

■ E2DEDB

■ 1C86DB

■ F8E8DB

■ 077DDB

■ FFF1DB

■ 007ADB

■ FFFBDB

■ FFFFDB

# Harmonies

## Analogous

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



77BCD0



8AB7DB



A7B0DB

# Triad

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



8AB7DB



DEA2A7



9EBA93

# Complementary

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



8AB7DB



DBAE8A

# 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.



B7B488



8AB7DB



DAA694

# Square

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



8AB7DB



D6A3BD



CCAD88



86BDA6

# Rectangle

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



8AB7DB



BAABD5



CCAD88



A6B88E

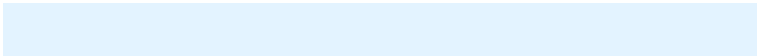


# Sweetspot

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



8AB7DB



E3F3FF



8ADBAD



6F7880



000000



808080

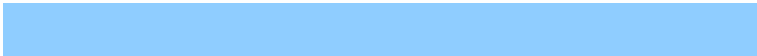


# Same Dimension

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



8AB7DB



8FCDFE



8A8FDB



63696E



0060AD



00192E



# Inverse Universe

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



DB8AB7



FF8FCD



DBD68A



6E6369



AD0060

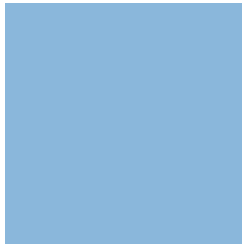


2E001A



# Previews

## White Background



This preview shows how the Hex color 8AB7DB looks on a white background.

## Color Contrast Check

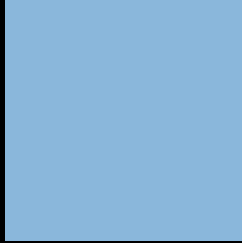
Large Text (above 18pt) WCAG AA × Fail

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 8AB7DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

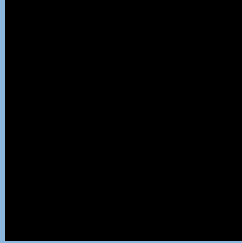
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8AB7DB Background



This preview shows how black text looks on a background with the Hex color 8AB7DB.

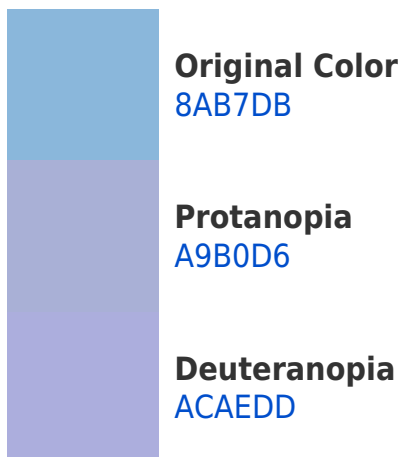


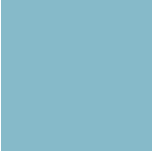
This preview shows how white text looks on a background with the Hex color 8AB7DB.

# 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](#).

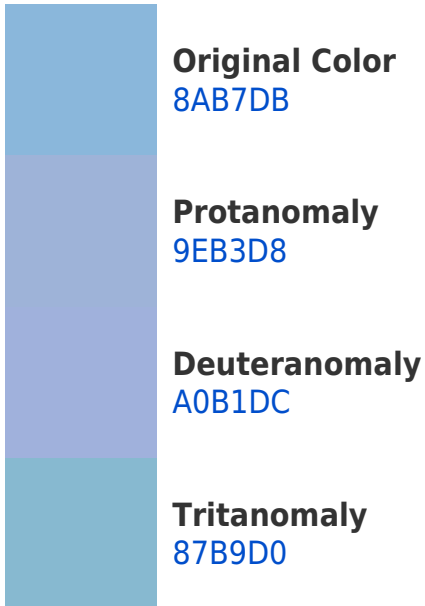
## Dichromacy





**Tritanopia**  
86BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AB7DB 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 #8AB7DB looks like.

```
.text, #text, p{  
    color:#8AB7DB  
}
```

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 #8AB7DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AB7DB  
}
```

## Border

The CSS property to change the border of an element to Hex 8AB7DB 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  
#8AB7DB }
```

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

```
.border{ border-color:#8AB7DB }
```

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

Here you see how a box with a 4 pixel #8AB7DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AB7DB; -webkit-box-shadow:4px 4px  
4px 4px #8AB7DB; box-shadow:4px 4px 4px  
4px #8AB7DB }
```

# Background

The CSS property to change the background color of an element to Hex 8AB7DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AB7DB }
```

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

```
.background{ background-color:#8AB7DB }
```

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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