

# Converting Colors

Hex(8AB9E0)

Have a look what the booklet for  
Hex(8AB9E0) contains.

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# **Color**

**Hex(8AB9E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AB9E0
RGB	138, 185, 224
RGB Percent	54%, 73%, 88%
CMY	0.4588, 0.2745, 0.1216
CMYK	0.38, 0.17, 0.00, 0.12
HSL	207°, 58%, 71%
HSV	207°, 38%, 88%
XYZ	41.2847, 45.4830, 77.1242
YIQ	175.3930, -40.5310, 2.1650

# Conversions

## Conversions Part 2

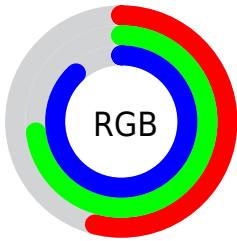
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	138, 168, 224
Decimal	9091552
CIE Lab	73.21, -5.86, -24.47
CIE LCh	73, 25.165, 256.541
Yxy	45.4830, 0.2519, 0.2775
Android (android.graphics.Color)	4287281632 (0xFF8AB9E0)
YUV	175.3930, 23.9633, -32.7937
Hunter-Lab	67.4411, -8.7514, -20.5940

# Details

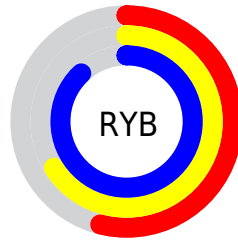
The Hex color **8AB9E0** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E0B18A**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **C2F1FF**, and **5484A9** is the 20% darker color. If you saturate the color by 10%, you get **74AFE0**, and if you desaturate by 10%, it is **A0C3E0**.

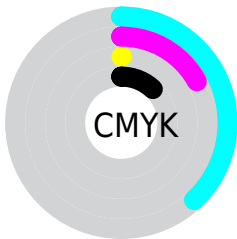
# Distribution



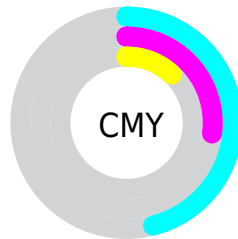
- Red (54%)
- Green (73%)
- Blue (88%)



- Red (54%)
- Yellow (66%)
- Blue (88%)



- Cyan (38%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)



- Cyan (46%)
- Magenta (27%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AB9E0 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 8AB9E0 by changing the saturation by 10% instead.



8AB9E0

8AB9E0

FFFFFF

6F9EC4

C2F1FF

5484A9

DFFFFF

386B8E

FCFFFF

1A5374

003C5C

002644

00122E

000119

000000

8AB9E0

8AB9E0

74AFE0

A0C3E0

5DA5E0

B7CDE0

479BE0

CDD7E0

3090E0

E4E2E0

1A86E0

FAECE0

047CE0

FFF6E0

007AE0

FFFFE0

# Harmonies

## Analogous

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



74BED4



8AB9E0



A9B1E0

# Triad

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



8AB9E0



E3A3A8



9DBC93

# Complementary

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



8AB9E0



E0B18A

# 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.



B8B687



8AB9E0



DEA893

# Square

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



8AB9E0



DBA4BF



CEAF87



84C0A8

# Rectangle

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



8AB9E0



BEACD9



CEAF87



A6BB8E



# Sweetspot

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



8AB9E0



E0F1FF



8AE0B1



6E7780



000000



808080

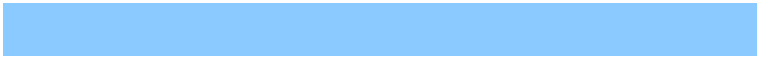


# Same Dimension

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



8AB9E0



8ACAFF



8A8EE0



656B70



0060B0



001A30



# Inverse Universe

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



E08AB9



FF8ACA



E0DC8A



70656B



B00060

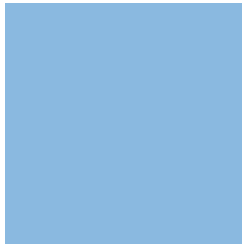


30001A



# Previews

## White Background



This preview shows how the Hex color 8AB9E0 looks on a white background.

## Color Contrast Check

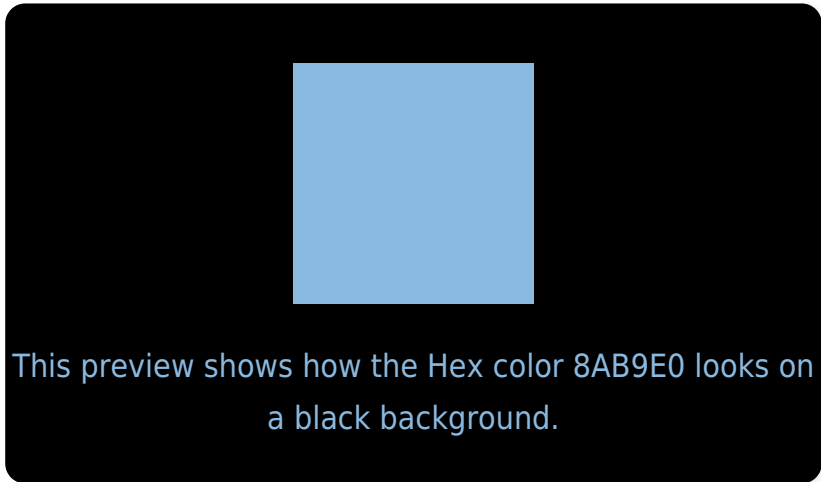
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 8AB9E0 Background



This preview shows how black text looks on a background with the Hex color 8AB9E0.

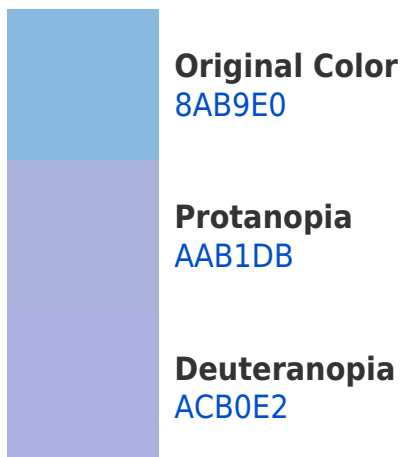


This preview shows how white text looks on a background with the Hex color 8AB9E0.

# Color Blindness Simulation

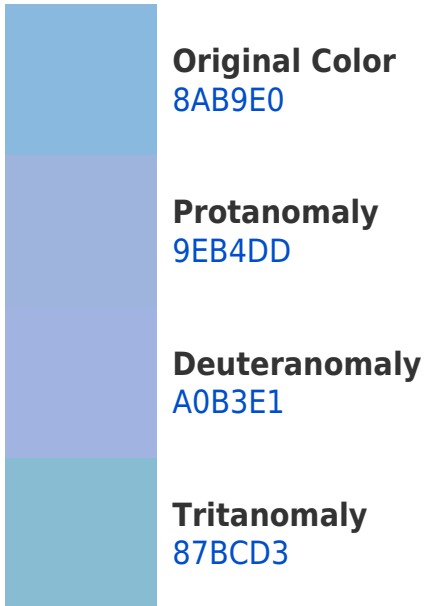
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

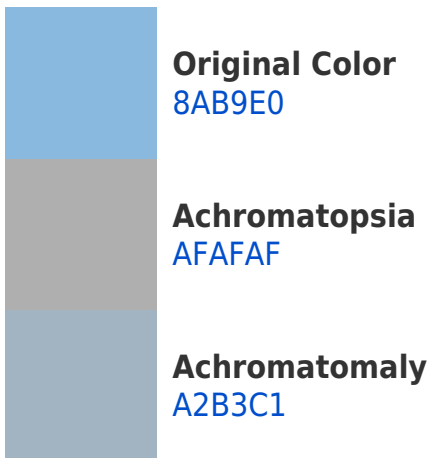




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AB9E0 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 #8AB9E0 looks like.

```
.text, #text, p{  
    color:#8AB9E0  
}
```

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 #8AB9E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AB9E0
}
```

## Border

The CSS property to change the border of an element to Hex 8AB9E0 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
#8AB9E0 }
```

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

```
.border{ border-color:#8AB9E0 }
```

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

Here you see how a box with a 4 pixel #8AB9E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AB9E0; -webkit-box-shadow:4px 4px  
4px 4px #8AB9E0; box-shadow:4px 4px 4px  
4px #8AB9E0 }
```

# Background

The CSS property to change the background color of an element to Hex 8AB9E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AB9E0 }
```

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

```
.background{ background-color:#8AB9E0 }
```

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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