

# Converting Colors

Hex(8AE0ED)

Have a look what the booklet for  
Hex(8AE0ED) contains.

<b>Hex(8AE0ED)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(8AE0ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AE0ED
RGB	138, 224, 237
RGB Percent	54%, 88%, 93%
CMY	0.4588, 0.1216, 0.0706
CMYK	0.42, 0.05, 0.00, 0.07
HSL	188°, 73%, 74%
HSV	188°, 42%, 93%
XYZ	52.4229, 64.8290, 89.8710
YIQ	199.7680, -55.4290, -14.1890

# Conversions

## Conversions Part 2

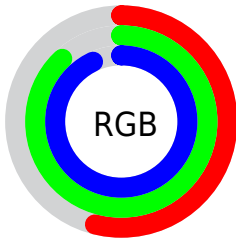
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">138, 184, 237</a>
Decimal	<a href="#">9101549</a>
CIELab	<a href="#">84.40, -22.69, -14.51</a>
CIELCh	<a href="#">84, 26.938, 212.596</a>
Yxy	<a href="#">64.8290, 0.2531, 0.3130</a>
Android (android.graphics.Color)	<a href="#">4287291629 (0xFF8AE0ED)</a>
YUV	<a href="#">199.7680, 18.3554, -54.1705</a>
Hunter-Lab	<a href="#">80.5165, -24.6854, -9.8169</a>

# Details

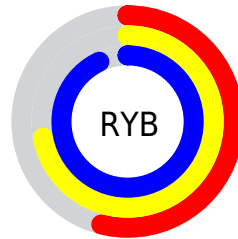
The Hex color **8AE0ED** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **ED978A**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **C4FFFF**, and **51A9B5** is the 20% darker color. If you saturate the color by 10%, you get **72DDED**, and if you desaturate by 10%, it is **A2E3ED**.

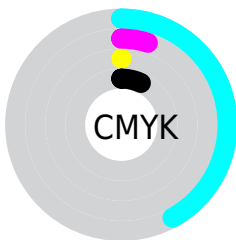
# Distribution



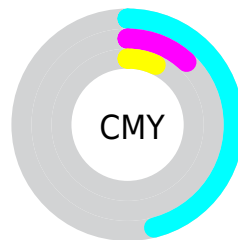
- Red (54%)
- Green (88%)
- Blue (93%)



- Red (54%)
- Yellow (72%)
- Blue (93%)



- Cyan (42%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (46%)
- Magenta (12%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AE0ED 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 8AE0ED by changing the saturation by 10% instead.



 8AE0ED

 8AE0ED

FFFFFF


 6EC4D1

 C4FFFF

 51A9B5

 E1FFFF

 328E9A

 017480

 005B67

 00444F

 002D38

 001923

 00000C

8AE0ED

8AE0ED

72DDED

A2E3ED

5BDAED

B9E6ED

43D7ED

D1E9ED

2BD4ED

E9ECED

13D0ED

FFF0ED

00CEED

FFF3ED

FFF6ED

FFF9ED

FFFCED

# Harmonies

## Analogous

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



93E1D4



8AE0ED



98DCFF

# Triad

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



8AE0ED



F5C4EA



E3D2A0

# Complementary

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



8AE0ED



ED978A

# 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.



F9C9A6



8AE0ED



FFC0D1

# Square

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



8AE0ED



DACBFD



FFC3B8



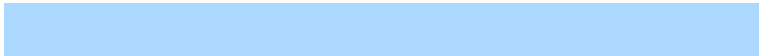
C8D9A7

# Rectangle

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



8AE0ED



ACD7FF



FFC3B8



ECCFA1

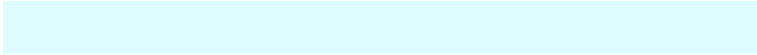


# Sweetspot

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



8AE0ED



DEFBFF



8AED96



6B7D80



000000



808080



# Same Dimension

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



8AE0ED



80EEFF



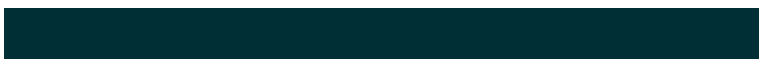
8AB0ED



6A7475



009DB5



002F36



# Inverse Universe

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



ED8AE0



FF80EE



EDC78A



756A74



B5009D

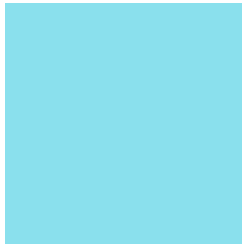


36002F



# Previews

## White Background



This preview shows how the Hex color 8AE0ED looks on a white background.

## Color Contrast Check

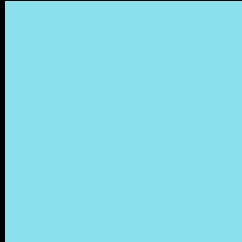
Large Text (above 18pt) WCAG AA × Fail

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 8AE0ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

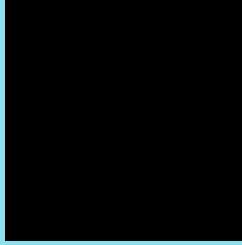
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8AE0ED Background



This preview shows how black text looks on a background with the Hex color 8AE0ED.

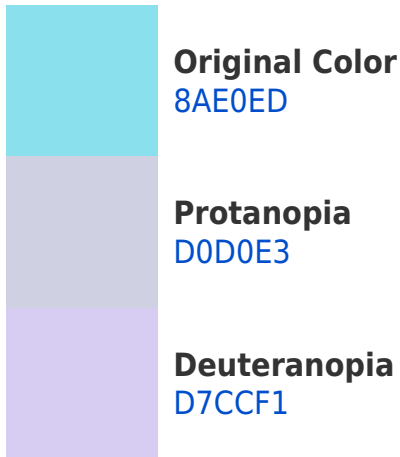


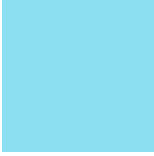
This preview shows how white text looks on a background with the Hex color 8AE0ED.

# 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](#).

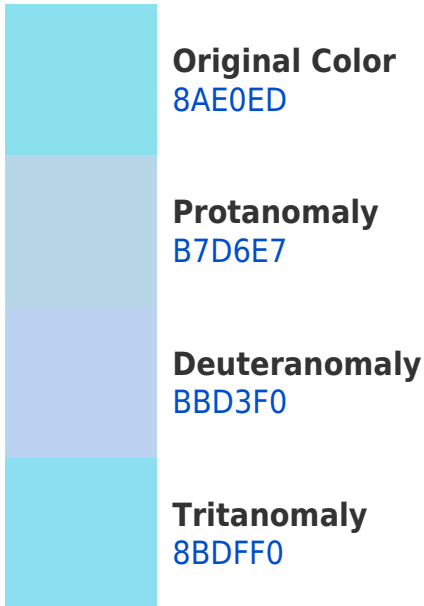
## Dichromacy



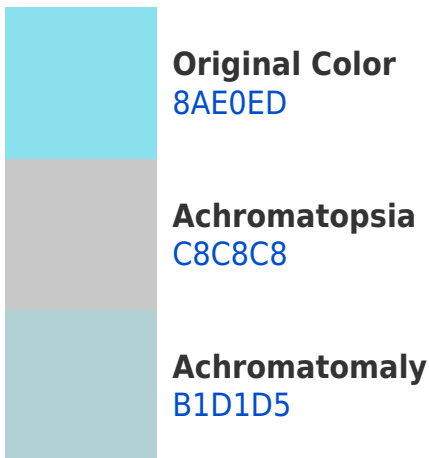


**Tritanopia**  
8BDF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AE0ED 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 #8AE0ED looks like.

```
.text, #text, p{  
    color:#8AE0ED  
}
```

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 #8AE0ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AE0ED
}
```

## Border

The CSS property to change the border of an element to Hex 8AE0ED 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
#8AE0ED }
```

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

```
.border{ border-color:#8AE0ED }
```

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

Here you see how a box with a 4 pixel #8AE0ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AE0ED; -webkit-box-shadow:4px 4px  
4px 4px #8AE0ED; box-shadow:4px 4px 4px  
4px #8AE0ED }
```

# Background

The CSS property to change the background color of an element to Hex 8AE0ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AE0ED }
```

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

```
.background{ background-color:#8AE0ED }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor