

Converting Colors

Hex(8AE3EA)

Have a look what the booklet for
Hex(8AE3EA) contains.

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Color

Hex(8AE3EA)

Conversions

Conversions Part 1

Format	Color
Hex	8AE3EA
RGB	138, 227, 234
RGB Percent	54%, 89%, 92%
CMY	0.4588, 0.1098, 0.0824
CMYK	0.41, 0.03, 0.00, 0.08
HSL	184°, 70%, 73%
HSV	184°, 41%, 92%
XYZ	52.8016, 66.2820, 87.8527
YIQ	201.1870, -55.2910, -16.6910

Conversions

Conversions Part 2

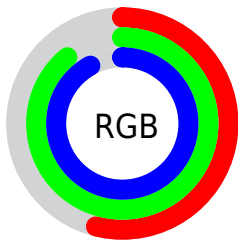
Format	Color
RYB	138, 184, 234
Decimal	9102314
CIELab	85.14, -24.92, -11.81
CIELCh	85, 27.577, 205.363
Yxy	66.2820, 0.2552, 0.3203
Android (android.graphics.Color)	4287292394 (0xFF8AE3EA)
YUV	201.1870, 16.1768, -55.4150
Hunter-Lab	81.4137, -26.7063, -6.9896

Details

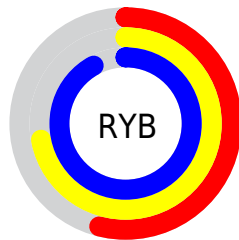
The Hex color **8AE3EA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EA918A**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **C4FFFF**, and **51ABB2** is the 20% darker color. If you saturate the color by 10%, you get **73E1EA**, and if you desaturate by 10%, it is **A1E5EA**.

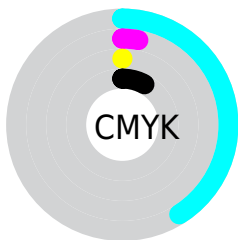
Distribution



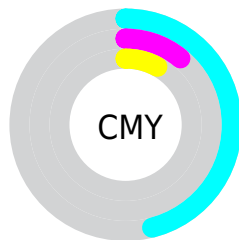
- Red (54%)
- Green (89%)
- Blue (92%)



- Red (54%)
- Yellow (72%)
- Blue (92%)



- Cyan (41%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)



- Cyan (46%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AE3EA 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 8AE3EA by changing the saturation by 10% instead.

 8AE3EA

FFFFFF

 C4FFFF


 E1FFFF

 8AE3EA

 6EC7CE

 51ABB2

 329198

 01777E

 005E65

 00464D

 002F36

 001C21

 000008

8AE3EA

8AE3EA

73E1EA

A1E5EA

5BE0EA

B9E6EA

44DEEA

D0E8EA

2CDCEA

E8EAEA

15DAEA

FFECEA

00D9EA

FFEDEA

FFEFEA

FFF1EA

FFF2EA

Harmonies

Analogous

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



98E3D0



8AE3EA



93DFFF

Triad

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



8AE3EA



F3C7F3



ECD2A1

Complementary

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



8AE3EA



EA918A

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.



FFC9AB



8AE3EA



FFC2DA

Square

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



8AE3EA



D4CFFF



FFC3C0



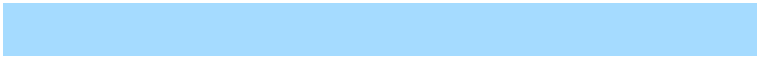
D1DAA5

Rectangle

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



8AE3EA



A5DBFF



FFC3C0



F4CFA3

Sweetspot

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



8AE3EA



E0FDFE



8AEA90



6E7E80



000000



808080

Same Dimension

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



8AE3EA



82F6FF



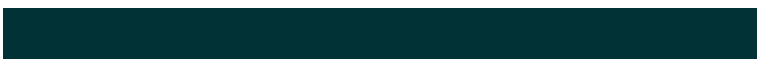
8AB4EA



6A7475



00A8B5



003236

Inverse Universe

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



EA8AE3



FF82F6



EAC08A



756A74



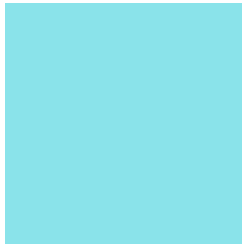
B500A8



360032

Previews

White Background



This preview shows how the Hex color 8AE3EA looks on a white background.

Color Contrast Check

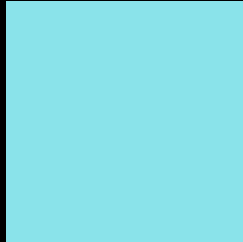
Large Text (above 18pt) WCAG AA × Fail

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 8AE3EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

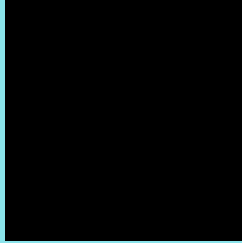
Any Text WCAG AA ✓ Pass

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 8AE3EA Background



This preview shows how black text looks on a background with the Hex color 8AE3EA.



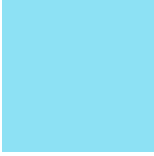
This preview shows how white text looks on a background with the Hex color 8AE3EA.

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



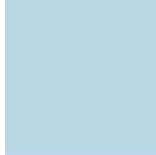


Tritanopia
8DE1F4

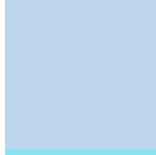
Trichromacy



Original Color
8AE3EA



Protanomaly
B9D8E4



Deuteranomaly
BED6ED

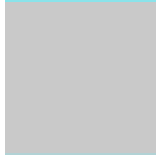


Tritanomaly
8CE2F0

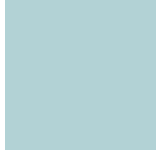
Monochromacy



Original Color
8AE3EA



Achromatopsia
C9C9C9



Achromatomaly
B2D2D5

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AE3EA 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 #8AE3EA looks like.

```
.text, #text, p{  
    color:#8AE3EA  
}
```

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 #8AE3EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AE3EA
}
```

Border

The CSS property to change the border of an element to Hex 8AE3EA 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
#8AE3EA }
```

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

```
.border{ border-color:#8AE3EA }
```

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

Here you see how a box with a 4 pixel #8AE3EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AE3EA; -webkit-box-shadow:4px 4px  
4px 4px #8AE3EA; box-shadow:4px 4px 4px  
4px #8AE3EA }
```

Background

The CSS property to change the background color of an element to Hex 8AE3EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AE3EA }
```

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

```
.background{ background-color:#8AE3EA }
```

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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