

Converting Colors

Hex(8AE4DB)

Have a look what the booklet for
Hex(8AE4DB) contains.

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Color

Hex(8AE4DB)

Conversions

Conversions Part 1

Format	Color
Hex	8AE4DB
RGB	138, 228, 219
RGB Percent	54%, 89%, 86%
CMY	0.4588, 0.1059, 0.1412
CMYK	0.39, 0.00, 0.04, 0.11
HSL	174°, 62%, 72%
HSV	174°, 39%, 89%
XYZ	51.0108, 66.0046, 77.0694
YIQ	200.0640, -50.7510, -21.8790

Conversions

Conversions Part 2

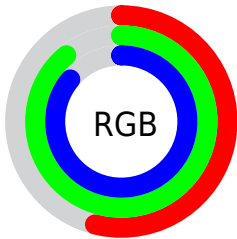
Format	Color
RYB	138, 185, 228
Decimal	9102555
CIELab	85.00, -29.01, -4.10
CIELCh	85, 29.299, 188.052
Yxy	66.0046, 0.2628, 0.3401
Android (android.graphics.Color)	4287292635 (0xFF8AE4DB)
YUV	200.0640, 9.3354, -54.4301
Hunter-Lab	81.2432, -30.0993, 0.6262

Details

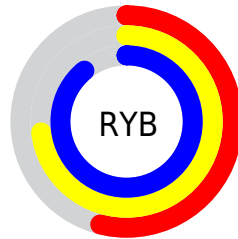
The Hex color **8AE4DB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E48A93**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **C3FFFF**, and **52ACA4** is the 20% darker color. If you saturate the color by 10%, you get **73E4D9**, and if you desaturate by 10%, it is **A1E4DD**.

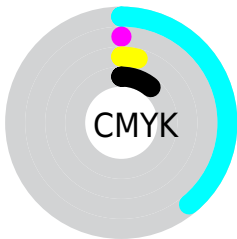
Distribution



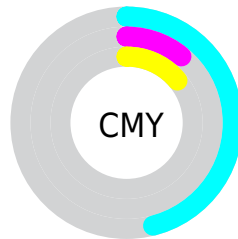
- Red (54%)
- Green (89%)
- Blue (86%)



- Red (54%)
- Yellow (73%)
- Blue (89%)



- Cyan (39%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (46%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AE4DB 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 8AE4DB by changing the saturation by 10% instead.

 8AE4DB

 8AE4DB

FFFFFF

 6EC8BF

 C3FFFF

 52ACA4

 E0FFFF

 34918A

FEFFFF

 0B7770

 005E58

 004641

 002F2B

 001B16

 000000

 8AE4DB

 8AE4DB

 73E4D9

 A1E4DD

 5CE4D6

 B8E4E0

 46E4D4

 CEE4E2

 2FE4D2

 E5E4E4

 18E4D0

 FCE4E6

 01E4CD

 FFE4E9

 00E4CD

 FFE4EB

 FFE4ED

 FFE4F0

Harmonies

Analogous

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



A3E2BF



8AE4DB



84E2F5

Triad

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



8AE4DB



E2CBFF



FACCA2

Complementary

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



8AE4DB



E48A93

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.



FFC4B3



8AE4DB



FEC3EA

Square

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



8AE4DB



BDD4FF



FFC0CE



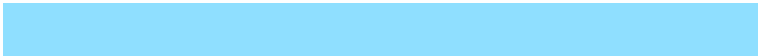
E1D59D

Rectangle

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



8AE4DB



8FDFFF



FFC0CE



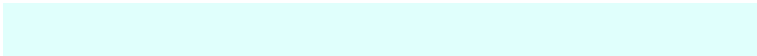
FFC9A6

Sweetspot

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



8AE4DB



E0FFFC



93E48A



6E807E



000000



808080

Same Dimension

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



8AE4DB



87FFF3



8AC0E4



677372



00B3A1



00332E

Inverse Universe

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



E48A93



FF8793



E4AE8A



736768



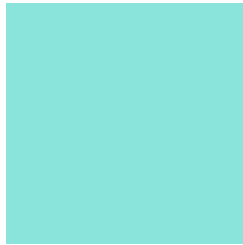
B30012



330005

Previews

White Background



This preview shows how the Hex color 8AE4DB looks on a white background.

Color Contrast Check

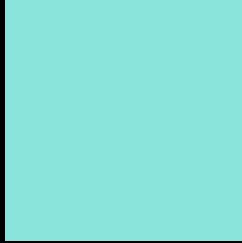
Large Text (above 18pt) WCAG AA × Fail

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 8AE4DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

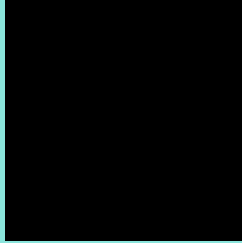
Any Text WCAG AA ✓ Pass

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 8AE4DB Background



This preview shows how black text looks on a background with the Hex color 8AE4DB.



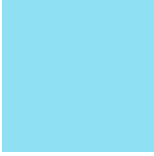
This preview shows how white text looks on a background with the Hex color 8AE4DB.

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
90E0F3

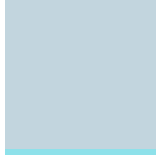
Trichromacy



Original Color
8AE4DB



Protanomaly
BBD9D5



Deuteranomaly
C2D5DE

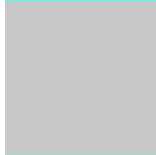


Tritanomaly
8EE1EA

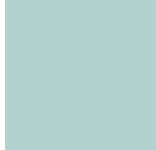
Monochromacy



Original Color
8AE4DB



Achromatopsia
C8C8C8



Achromatomaly
B1D2CF

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AE4DB 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 #8AE4DB looks like.

```
.text, #text, p{  
    color:#8AE4DB  
}
```

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 #8AE4DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AE4DB  
}
```

Border

The CSS property to change the border of an element to Hex 8AE4DB 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  
#8AE4DB }
```

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

```
.border{ border-color:#8AE4DB }
```

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

Here you see how a box with a 4 pixel #8AE4DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AE4DB; -webkit-box-shadow:4px 4px  
4px 4px #8AE4DB; box-shadow:4px 4px 4px  
4px #8AE4DB }
```

Background

The CSS property to change the background color of an element to Hex 8AE4DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AE4DB }
```

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

```
.background{ background-color:#8AE4DB }
```

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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