

Converting Colors

Hex(8AE3E2)

Have a look what the booklet for
Hex(8AE3E2) contains.

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Color

Hex(8AE3E2)

Conversions

Conversions Part 1

Format	Color
Hex	8AE3E2
RGB	138, 227, 226
RGB Percent	54%, 89%, 89%
CMY	0.4588, 0.1098, 0.1137
CMYK	0.39, 0.00, 0.00, 0.11
HSL	179°, 61%, 72%
HSV	179°, 39%, 89%
XYZ	51.6778, 65.8324, 81.9347
YIQ	200.2750, -52.7230, -19.1790

Conversions

Conversions Part 2

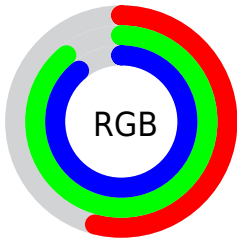
Format	Color
RYB	138, 183, 227
Decimal	9102306
CIELab	84.91, -26.87, -7.93
CIELCh	85, 28.014, 196.443
Yxy	65.8324, 0.2591, 0.3301
Android (android.graphics.Color)	4287292386 (0xFF8AE3E2)
YUV	200.2750, 12.6824, -54.6152
Hunter-Lab	81.1372, -28.3001, -3.0768

Details

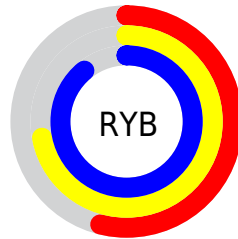
The Hex color **8AE3E2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E38A8B**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **C3FFFF**, and **51ABAB** is the 20% darker color. If you saturate the color by 10%, you get **73E3E2**, and if you desaturate by 10%, it is **A1E3E2**.

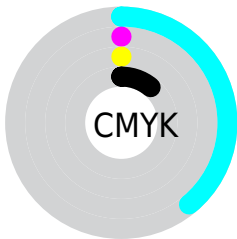
Distribution



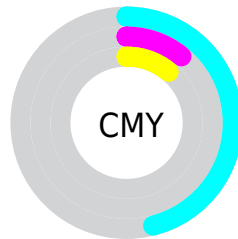
- Red (54%)
- Green (89%)
- Blue (89%)



- Red (54%)
- Yellow (72%)
- Blue (89%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 8AE3E2 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 8AE3E2 by changing the saturation by 10% instead.

 8AE3E2

 8AE3E2

FFFFFF

 6EC7C6

 C3FFFF

 51ABAB

 E1FFFF

 339190

FEFFFF

 077777

 005E5E

 004646

 002F30

 001B1B

 000000

 8AE3E2

 8AE3E2

 73E3E2

 A1E3E2

 5DE3E1

 B7E3E3

 46E3E1

 CEE3E3

 2FE3E1

 E5E3E3

 18E3E1

 FCE3E3

 02E3E0

 FFE3E4

 00E3E0

Harmonies

Analogous

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



9EE2C7



8AE3E2



8BE0F9

Triad

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



8AE3E2



EAC8F9



F3CEA1

Complementary

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



8AE3E2



E38A8B

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.



FFC6AF



8AE3E2



FFC2E1

Square

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



8AE3E2



C8D1FF



FFC1C6



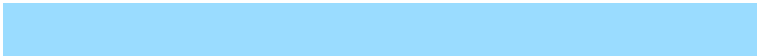
D9D7A1

Rectangle

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



8AE3E2



9ADCFF



FFC1C6



FACBA4

Sweetspot

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



8AE3E2



E0FFFF



8BE38A



6E807F



000000



808080

Same Dimension

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



8AE3E2



87FFFE



8AB8E3



677373



00B3B0



003332

Inverse Universe

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



E38A8B



FF8788



E3B58A



736767



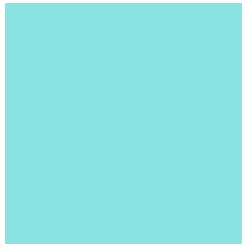
B30002



330001

Previews

White Background



This preview shows how the Hex color 8AE3E2 looks on a white background.

Color Contrast Check

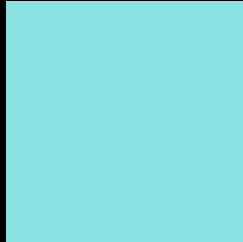
Large Text (above 18pt) WCAG AA × Fail

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 8AE3E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

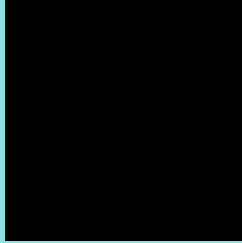
Any Text WCAG AA ✓ Pass

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 8AE3E2 Background



This preview shows how black text looks on a background with the Hex color 8AE3E2.



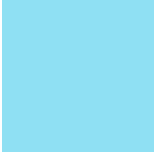
This preview shows how white text looks on a background with the Hex color 8AE3E2.

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
8FE0F3

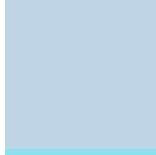
Trichromacy



Original Color
8AE3E2



Protanomaly
BAD8DC



Deuteranomaly
BFD5E5

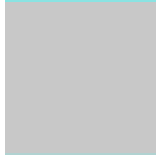


Tritanomaly
8DE1ED

Monochromacy



Original Color
8AE3E2



Achromatopsia
C8C8C8



Achromatomaly
B1D2D1

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AE3E2 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 #8AE3E2 looks like.

```
.text, #text, p{  
    color:#8AE3E2  
}
```

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 #8AE3E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AE3E2
}
```

Border

The CSS property to change the border of an element to Hex 8AE3E2 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
#8AE3E2 }
```

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

```
.border{ border-color:#8AE3E2 }
```

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

Here you see how a box with a 4 pixel #8AE3E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AE3E2; -webkit-box-shadow:4px 4px  
4px 4px #8AE3E2; box-shadow:4px 4px 4px  
4px #8AE3E2 }
```

Background

The CSS property to change the background color of an element to Hex 8AE3E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AE3E2 }
```

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

```
.background{ background-color:#8AE3E2 }
```

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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