

Converting Colors

Hex(8AE4D6)

Have a look what the booklet for
Hex(8AE4D6) contains.

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Color

Hex(8AE4D6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8AE4D6 |
| RGB | 138, 228, 214 |
| RGB Percent | 54%, 89%, 84% |
| CMY | 0.4588, 0.1059, 0.1608 |
| CMYK | 0.39, 0.00, 0.06, 0.11 |
| HSL | 171°, 62%, 72% |
| HSV | 171°, 39%, 89% |
| XYZ | 50.3622, 65.7451, 73.6540 |
| YIQ | 199.4940, -49.1460, -23.4340 |

Conversions

Conversions Part 2

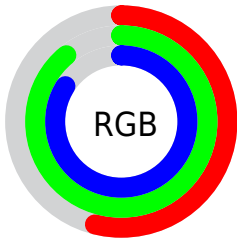
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 138, 187, 228 |
| Decimal | 9102550 |
| CIELab | 84.87, -30.17, -1.66 |
| CIELCh | 85, 30.214, 183.148 |
| Yxy | 65.7451, 0.2654, 0.3465 |
| Android (android.graphics.Color) | 4287292630 (0xFF8AE4D6) |
| YUV | 199.4940, 7.1515, -53.9302 |
| Hunter-Lab | 81.0834, -31.0265, 2.9008 |

Details

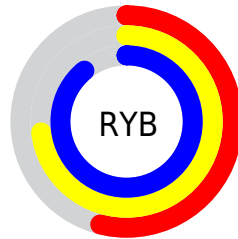
The Hex color **8AE4D6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E48A98**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **C3FFFF**, and **52AC9F** is the 20% darker color. If you saturate the color by 10%, you get **73E4D2**, and if you desaturate by 10%, it is **A1E4DA**.

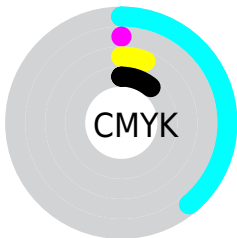
Distribution



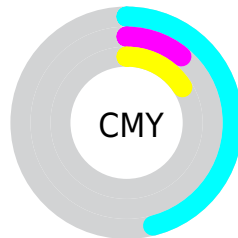
- Red (54%)
- Green (89%)
- Blue (84%)



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



- Cyan (39%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (46%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AE4D6 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 8AE4D6 by changing the saturation by 10% instead.

 8AE4D6

 8AE4D6

FFFFFF

 6EC8BA

 C3FFFF

 52AC9F

 E0FFFF

 349185

FEFFFF

 0D776C

 005E54

 00463D

 002F27

 001A13

 000000

 8AE4D6

 8AE4D6

 73E4D2

 A1E4DA

 5CE4CF

 B8E4DD

 46E4CB

 CEE4E1

 2FE4C8

 E5E4E4

 18E4C4

 FCE4E8

 01E4C1

 FFE4EB

 00E4C1

 FFE4EF

 FFE4F2

 FFE4F6

Harmonies

Analogous

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



A6E2B9



8AE4D6



7FE3F2

Triad

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



8AE4D6



DCCCFF



FFC9A2

Complementary

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



8AE4D6



E48A98

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.



`FFC2B6`



`8AE4D6`



`FBC3EE`

Square

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



8AE4D6



B5D5FF



FFBFD2



E6D39B

Rectangle

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



8AE4D6



87E0FF



FFBFD2



FFC6A7

Sweetspot

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



8AE4D6



E0FFFA



99E48A



6E807D



000000



808080

Same Dimension

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



8AE4D6



87FFEC



8AC6E4



677371



00B397



00332B

Inverse Universe

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



E48A98



FF879A



E4A88A



736769



B3001C



330008

Previews

White Background



This preview shows how the Hex color 8AE4D6 looks on a white background.

Color Contrast Check

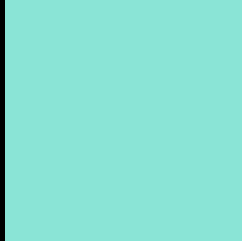
Large Text (above 18pt) WCAG AA × Fail

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 8AE4D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

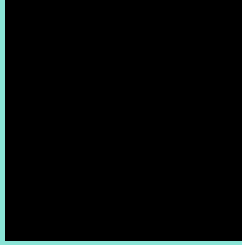
Any Text WCAG AA ✓ Pass

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 8AE4D6 Background



This preview shows how black text looks on a background with the Hex color 8AE4D6.

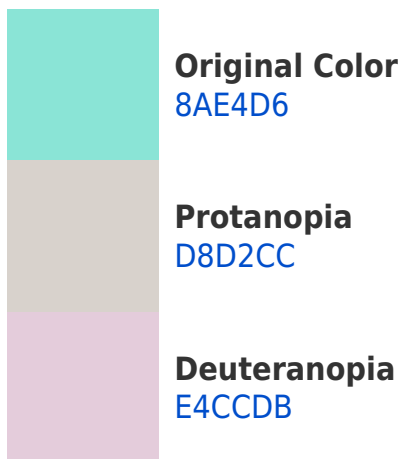


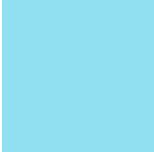
This preview shows how white text looks on a background with the Hex color 8AE4D6.

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



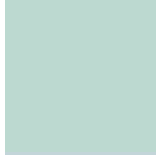


Tritanopia
91E0F2

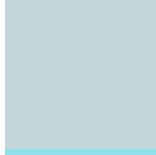
Trichromacy



Original Color
8AE4D6



Protanomaly
BCD9D0



Deuteranomaly
C3D5D9

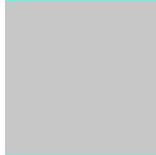


Tritanomaly
8EE1E8

Monochromacy



Original Color
8AE4D6



Achromatopsia
C7C7C7



Achromatomaly
B1D2CC

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AE4D6 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 #8AE4D6 looks like.

```
.text, #text, p{  
    color:#8AE4D6  
}
```

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 #8AE4D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AE4D6  
}
```

Border

The CSS property to change the border of an element to Hex 8AE4D6 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  
#8AE4D6 }
```

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

```
.border{ border-color:#8AE4D6 }
```

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

Here you see how a box with a 4 pixel #8AE4D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AE4D6; -webkit-box-shadow:4px 4px  
4px 4px #8AE4D6; box-shadow:4px 4px 4px  
4px #8AE4D6 }
```

Background

The CSS property to change the background color of an element to Hex 8AE4D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AE4D6 }
```

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

```
.background{ background-color:#8AE4D6 }
```

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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