

# Converting Colors

Hex(8AE4C9)

Have a look what the booklet for  
Hex(8AE4C9) contains.

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# Color

**Hex(8AE4C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AE4C9
RGB	138, 228, 201
RGB Percent	54%, 89%, 79%
CMY	0.4588, 0.1059, 0.2118
CMYK	0.39, 0.00, 0.12, 0.11
HSL	162°, 62%, 72%
HSV	162°, 39%, 89%
XYZ	48.7673, 65.1071, 65.2550
YIQ	198.0120, -44.9730, -27.4770

# Conversions

## Conversions Part 2

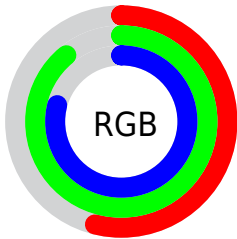
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 191, 228
Decimal	9102537
CIELab	84.54, -33.07, 4.72
CIELCh	85, 33.410, 171.877
Yxy	65.1071, 0.2722, 0.3635
Android (android.graphics.Color)	4287292617 (0xFF8AE4C9)
YUV	198.0120, 1.4731, -52.6305
Hunter-Lab	80.6890, -33.3229, 8.5332

# Details

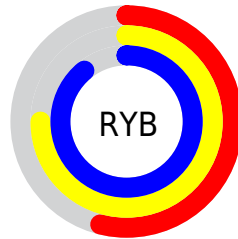
The Hex color **8AE4C9** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E48AA5**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **C3FFFF**, and **52AC93** is the 20% darker color. If you saturate the color by 10%, you get **73E4C2**, and if you desaturate by 10%, it is **A1E4D0**.

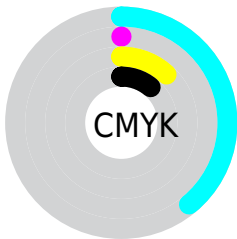
# Distribution



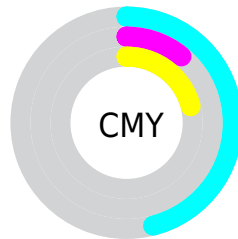
- Red (54%)
- Green (89%)
- Blue (79%)



- Red (54%)
- Yellow (75%)
- Blue (89%)



- Cyan (39%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (46%)
- Magenta (11%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AE4C9 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 8AE4C9 by changing the saturation by 10% instead.



 8AE4C9

FFFFFF

 C3FFFF

 E0FFFF

FDFFFF

 8AE4C9

 6EC8AE

 52AC93

 359179

 127761

 005E49

 004632

 002E1D

 001904

 000000

 8AE4C9

 8AE4C9

 73E4C2

 A1E4D0

 5CE4BB

 B8E4D7

 46E4B4

 CEE4DE

 2FE4AE

 E5E4E4

 18E4A7

 FCE4EB

 01E4A0

 FFE4F2

 00E4A0

 FFE4F9

 FFE4FF

# Harmonies

## Analogous

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



ADE0AB



8AE4C9



72E4E9

# Triad

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



8AE4C9



CCCEFF



FFC4A3

# Complementary

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



8AE4C9



E48AA5

# 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.



FFBDBD



8AE4C9



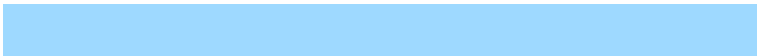
F3C3FA

# Square

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



8AE4C9



9ED9FF



FFBCDD



F1CE95

# Rectangle

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



8AE4C9



73E2FC



FFBCDD



FFC1AA



# Sweetspot

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



8AE4C9



E0FFF6



A5E48A



6E807A



000000



808080

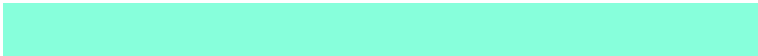


# Same Dimension

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



8AE4C9



87FFDB



8AD3E4



67736F



00B37D



003324



# Inverse Universe

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



E48AA5



FF87AB



E49C8A



73676B



B30036

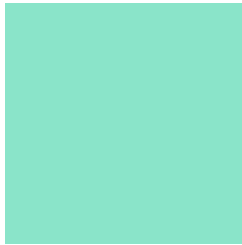


33000F



# Previews

## White Background



This preview shows how the Hex color 8AE4C9 looks on a white background.

## Color Contrast Check

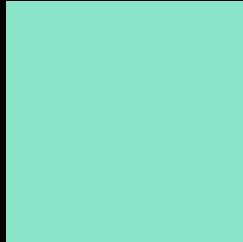
Large Text (above 18pt) WCAG AA × Fail

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 8AE4C9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

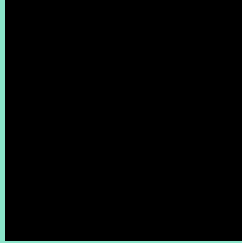
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

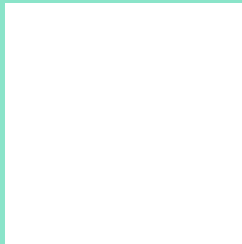
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8AE4C9 Background



This preview shows how black text looks on a background with the Hex color 8AE4C9.

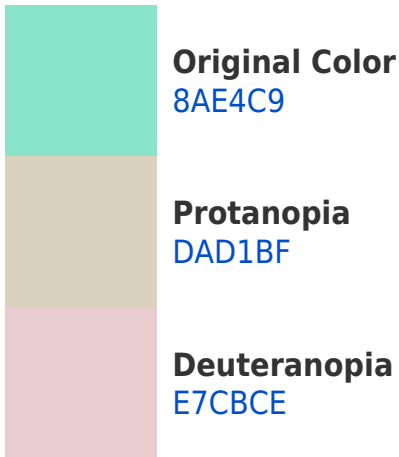


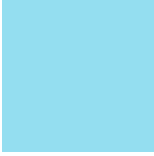
This preview shows how white text looks on a background with the Hex color 8AE4C9.

# 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**  
94DEF0

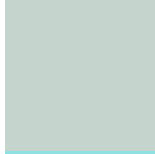
# Trichromacy



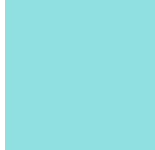
**Original Color**  
8AE4C9



**Protanomaly**  
BDD8C3



**Deuteranomaly**  
C5D4CC

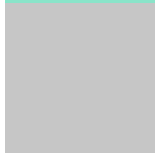


**Tritanomaly**  
90E0E2

# Monochromacy



**Original Color**  
8AE4C9



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
B0D1C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AE4C9 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 #8AE4C9 looks like.

```
.text, #text, p{  
    color:#8AE4C9  
}
```

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 #8AE4C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AE4C9
}
```

## Border

The CSS property to change the border of an element to Hex 8AE4C9 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
#8AE4C9 }
```

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

```
.border{ border-color:#8AE4C9 }
```

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

Here you see how a box with a 4 pixel #8AE4C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AE4C9; -webkit-box-shadow:4px 4px  
4px 4px #8AE4C9; box-shadow:4px 4px 4px  
4px #8AE4C9 }
```

# Background

The CSS property to change the background color of an element to Hex 8AE4C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AE4C9 }
```

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

```
.background{ background-color:#8AE4C9 }
```

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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