

Converting Colors

Hex(8AE2C9)

Have a look what the booklet for
Hex(8AE2C9) contains.

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Color

Hex(8AE2C9)

Conversions

Conversions Part 1

Format	Color
Hex	8AE2C9
RGB	138, 226, 201
RGB Percent	54%, 89%, 79%
CMY	0.4588, 0.1137, 0.2118
CMYK	0.39, 0.00, 0.11, 0.11
HSL	163°, 60%, 71%
HSV	163°, 39%, 89%
XYZ	48.2202, 64.0130, 65.0726
YIQ	196.8380, -44.4230, -26.4310

Conversions

Conversions Part 2

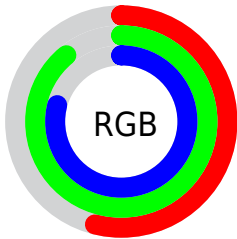
Format	Color
RYB	138, 189, 226
Decimal	9102025
CIELab	83.97, -32.14, 3.90
CIELCh	84, 32.372, 173.078
Yxy	64.0130, 0.2720, 0.3610
Android (android.graphics.Color)	4287292105 (0xFF8AE2C9)
YUV	196.8380, 2.0519, -51.6009
Hunter-Lab	80.0081, -32.4339, 7.7837

Details

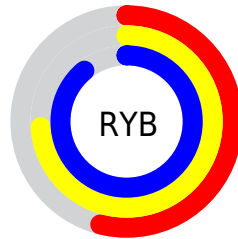
The Hex color **8AE2C9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E28AA3**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **C3FFFF**, and **53AA93** is the 20% darker color. If you saturate the color by 10%, you get **73E2C3**, and if you desaturate by 10%, it is **A1E2CF**.

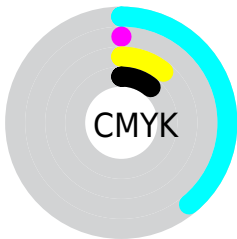
Distribution



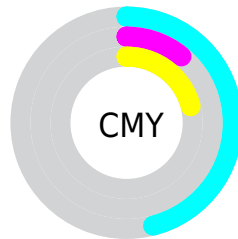
- Red (54%)
- Green (89%)
- Blue (79%)



- Red (54%)
- Yellow (74%)
- Blue (89%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 8AE2C9 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 8AE2C9 by changing the saturation by 10% instead.

 8AE2C9

FFFFFF

 C3FFFF

 E0FFFF

FDFFFF

 8AE2C9

 6EC6AE

 53AA93

 368F79

 137561

 005C49

 004432

 002D1D

 001704

 000000

 8AE2C9

 8AE2C9

 73E2C3

 A1E2CF

 5DE2BC

 B7E2D6

 46E2B6

 CEE2DC

 30E2AF

 E4E2E3

 19E2A9

 FBE2E9

 02E2A2

 FFE2F0

 00E2A2

 FFE2F6

 FFE2FC

 FFE2FF

Harmonies

Analogous

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



ACDEAC



8AE2C9



75E2E8

Triad

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



8AE2C9



CCCCFF



FFC3A2

Complementary

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



8AE2C9



E28AA3

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.



FFBCBB



8AE2C9



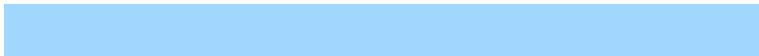
F2C2F6

Square

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



8AE2C9



A1D6FF



FFBCDA



EECD95

Rectangle

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



8AE2C9



76E0FA



FFBCDA



FFC0A9

Sweetspot

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



8AE2C9



E0FFF6



A4E28A



6E807A



000000



808080

Same Dimension

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



8AE2C9



87FFDD



8AD0E2



65706D



00B07E



003023

Inverse Universe

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



E28AA3



FF87A9



E29C8A



706568



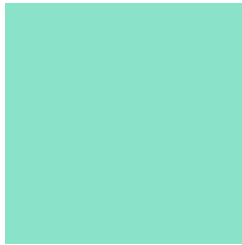
B00032



30000E

Previews

White Background



This preview shows how the Hex color 8AE2C9 looks on a white background.

Color Contrast Check

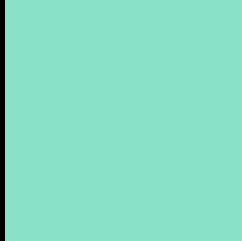
Large Text (above 18pt) WCAG AA × Fail

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 8AE2C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

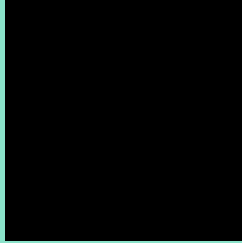
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

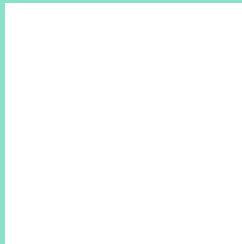
Any Text WCAG AAA ✓ Pass

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

Hex 8AE2C9 Background



This preview shows how black text looks on a background with the Hex color 8AE2C9.



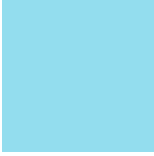
This preview shows how white text looks on a background with the Hex color 8AE2C9.

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
93DDEE

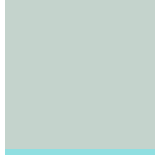
Trichromacy



Original Color
8AE2C9



Protanomaly
BCD7C3



Deuteranomaly
C4D3CC

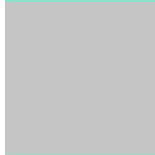


Tritanomaly
90DFE1

Monochromacy



Original Color
8AE2C9



Achromatopsia
C5C5C5



Achromatomaly
B0D0C6

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AE2C9 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 #8AE2C9 looks like.

```
.text, #text, p{  
    color:#8AE2C9  
}
```

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 #8AE2C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AE2C9
}
```

Border

The CSS property to change the border of an element to Hex 8AE2C9 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
#8AE2C9 }
```

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

```
.border{ border-color:#8AE2C9 }
```

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

Here you see how a box with a 4 pixel #8AE2C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AE2C9; -webkit-box-shadow:4px 4px  
4px 4px #8AE2C9; box-shadow:4px 4px 4px  
4px #8AE2C9 }
```

Background

The CSS property to change the background color of an element to Hex 8AE2C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AE2C9 }
```

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

```
.background{ background-color:#8AE2C9 }
```

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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