

Converting Colors

Hex(8AE29F)

Have a look what the booklet for
Hex(8AE29F) contains.

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Color

Hex(8AE29F)

Conversions

Conversions Part 1

Format	Color
Hex	8AE29F
RGB	138, 226, 159
RGB Percent	54%, 89%, 62%
CMY	0.4588, 0.1137, 0.3765
CMYK	0.39, 0.00, 0.30, 0.11
HSL	134°, 60%, 71%
HSV	134°, 39%, 89%
XYZ	43.9356, 62.2992, 42.5102
YIQ	192.0500, -30.9410, -39.4930

Conversions

Conversions Part 2

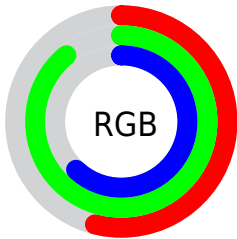
Format	Color
RYB	138, 209, 226
Decimal	9101983
CIELab	83.07, -40.43, 24.64
CIELCh	83, 47.350, 148.644
Yxy	62.2992, 0.2954, 0.4188
Android (android.graphics.Color)	4287292063 (0xFF8AE29F)
YUV	192.0500, -16.2937, -47.4019
Hunter-Lab	78.9298, -38.7668, 23.3184

Details

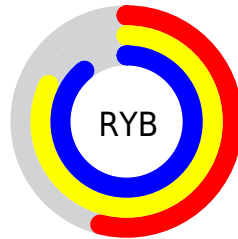
The Hex color **8AE29F** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E28ACD**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **C2FFD6**, and **53AA6B** is the 20% darker color. If you saturate the color by 10%, you get **73E28E**, and if you desaturate by 10%, it is **A1E2B0**.

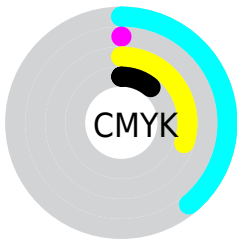
Distribution



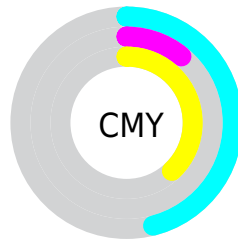
- Red (54%)
- Green (89%)
- Blue (62%)



- Red (54%)
- Yellow (82%)
- Blue (89%)



- Cyan (39%)
- Magenta (0%)
- Yellow (30%)
- Black (11%)



- Cyan (46%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AE29F 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 8AE29F by changing the saturation by 10% instead.

 8AE29F

FFFFFF

 C2FFD6

 DFFFF3

FDFFFF

 8AE29F

 6EC685

 53AA6B

 378F52

 16753B

 005C24

 00430E

 002D00

 001300

 000000

 8AE29F

 8AE29F

 73E28E

 A1E2B0

 5DE27D

 B7E2C1

 46E26B

 CEE2D3

 30E25A

 E4E2E4

 19E249

 FBE2F5

 02E238

 FFE2FF

 00E236

Harmonies

Analogous

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



C0D97F



8AE29F



45E6CB

Triad

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



8AE29F



87D4FF



FFAFA7

Complementary

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



8AE29F



E28ACD

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.



FFACD3



8AE29F



D0C4FF

Square

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



8AE29F



16E0FF



FFB4FE



FFBC84

Rectangle

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



8AE29F



00E6EA



FFB4FE



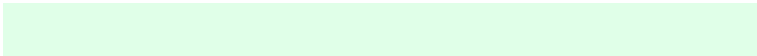
FFADB5

Sweetspot

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



8AE29F



E0FFE8



CDE28A



6E8072



000000



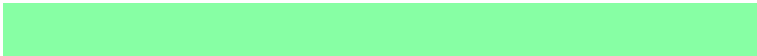
808080

Same Dimension

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



8AE29F



87FFA4



8AE2CB



657068



00B02A



00300C

Inverse Universe

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



E28ACD



FF87E2



E28AA1



70656E



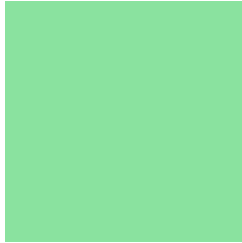
B00086



300025

Previews

White Background



This preview shows how the Hex color 8AE29F looks on a white background.

Color Contrast Check

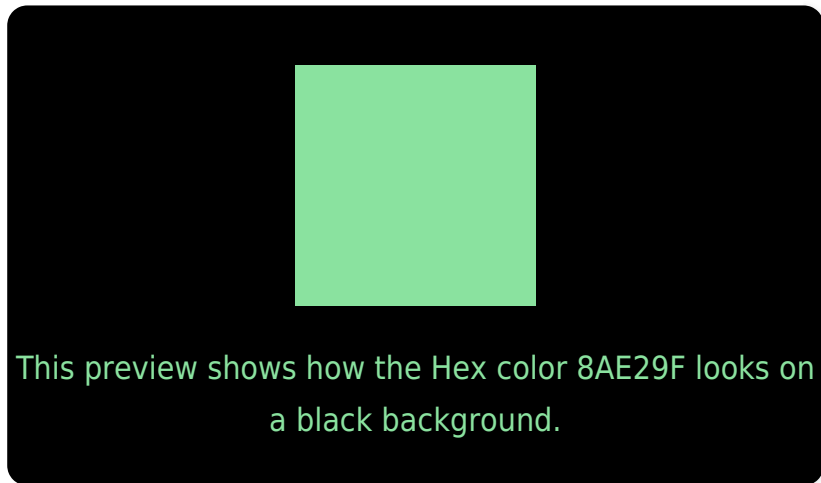
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

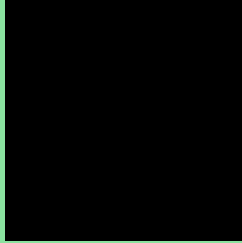
Any Text WCAG AA ✓ Pass

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 8AE29F Background



This preview shows how black text looks on a background with the Hex color 8AE29F.

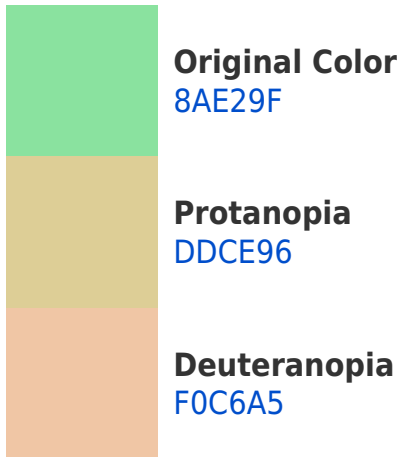


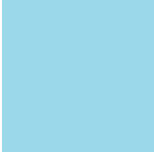
This preview shows how white text looks on a background with the Hex color 8AE29F.

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



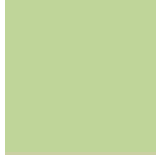


Tritanopia
9AD8EA

Trichromacy



Original Color
8AE29F



Protanomaly
BFD599



Deuteranomaly
CBD0A3



Tritanomaly
94DCCF

Monochromacy



Original Color
8AE29F



Achromatopsia
C0C0C0



Achromatomaly
ACCCB4

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AE29F 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 #8AE29F looks like.

```
.text, #text, p{  
    color:#8AE29F  
}
```

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 #8AE29F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AE29F
}
```

Border

The CSS property to change the border of an element to Hex 8AE29F 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
#8AE29F }
```

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

```
.border{ border-color:#8AE29F }
```

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

Here you see how a box with a 4 pixel #8AE29F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AE29F; -webkit-box-shadow:4px 4px  
4px 4px #8AE29F; box-shadow:4px 4px 4px  
4px #8AE29F }
```

Background

The CSS property to change the background color of an element to Hex 8AE29F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AE29F }
```

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

```
.background{ background-color:#8AE29F }
```

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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