

Converting Colors

Hex(AFE38B)

Have a look what the booklet for
Hex(AFE38B) contains.

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Color

Hex(AFE38B)

Conversions

Conversions Part 1

Format	Color
Hex	AFE38B
RGB	175, 227, 139
RGB Percent	69%, 89%, 55%
CMY	0.3137, 0.1098, 0.4549
CMYK	0.23, 0.00, 0.39, 0.11
HSL	95°, 61%, 72%
HSV	95°, 39%, 89%
XYZ	49.8085, 65.9162, 34.5240
YIQ	201.4200, -2.7440, -38.3920

Conversions

Conversions Part 2

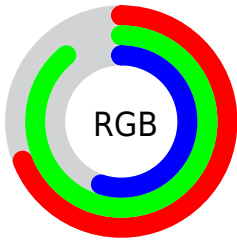
Format	Color
RYB	139, 227, 191
Decimal	11527051
CIELab	84.95, -32.03, 37.68
CIElCh	85, 49.455, 130.371
Yxy	65.9162, 0.3315, 0.4387
Android (android.graphics.Color)	4289717131 (0xFFAFE38B)
YUV	201.4200, -30.7731, -23.1703
Hunter-Lab	81.1888, -32.5725, 31.6202

Details

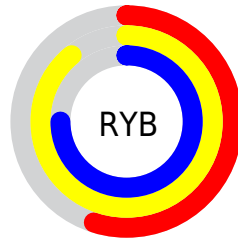
The Hex color **AFE38B** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BF8BE3**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **E8FFC1**, and **79AB57** is the 20% darker color. If you saturate the color by 10%, you get **A2E374**, and if you desaturate by 10%, it is **BCE3A2**.

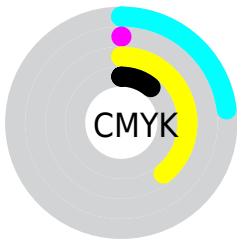
Distribution



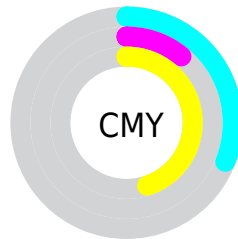
- Red (69%)
- Green (89%)
- Blue (55%)



- Red (55%)
- Yellow (89%)
- Blue (75%)



- Cyan (23%)
- Magenta (0%)
- Yellow (39%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFE38B 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 AFE38B by changing the saturation by 10% instead.

 AFE38B

 AFE38B

FFFFFF

 94C771

 E8FFC1

 79AB57

 FFFFDE

 5E913F

 FFFFFB

 457726

 2B5E0C

 0F4600

 002F00

 001A00

 000000

 AFE38B

 AFE38B

 A2E374

 BCE3A2

 94E35E

 CAE3B8

 87E347

 D7E3CF

 79E330

 E5E3E6

 6CE31A

 F2E3FC

 5FE303

 FFE3FF

 5DE300

Harmonies

Analogous

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



E2D776



AFE38B



72EAB3

Triad

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



AFE38B



48E2FF



FFAFC6

Complementary

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



AFE38B



BF8BE3

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.



FFB3F5



AFE38B



A9D3FF

Square

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



AFE38B



00EAFB



EEC2FF



FFB79A

Rectangle

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



AFE38B



39EDD3



EEC2FF



FFAFD5

Sweetspot

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



AFE38B



EDFFE0



E3BE8B



75806E



000000



808080

Same Dimension

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



AFE38B



B8FF87



8BE392



6C7367



49B300



153300

Inverse Universe

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



BF8BE3



CE87FF



E38BDC



6E6773



6900B3



1E0033

Previews

White Background



This preview shows how the Hex color AFE38B looks on a white background.

Color Contrast Check

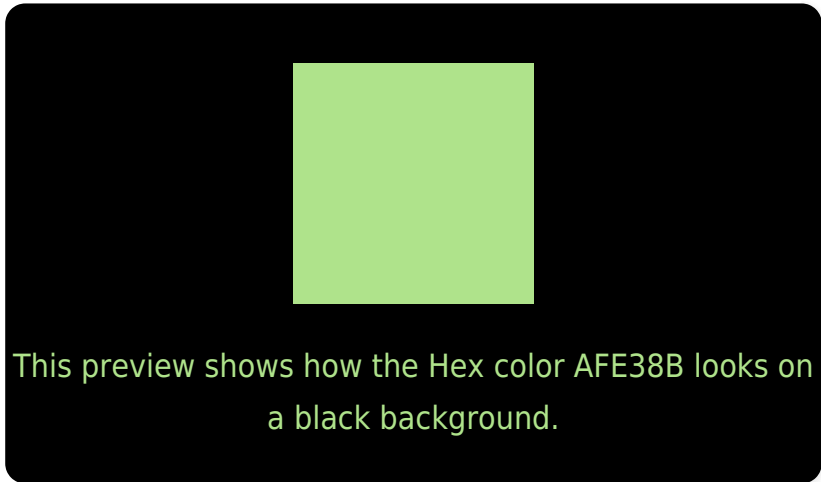
Large Text (above 18pt) WCAG AA × Fail

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 AFE38B Background



This preview shows how black text looks on a background with the Hex color AFE38B.

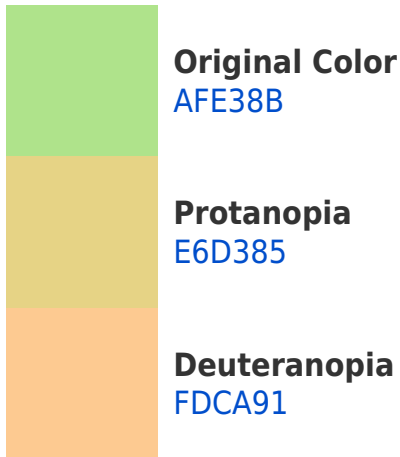


This preview shows how white text looks on a background with the Hex color AFE38B.

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](#).

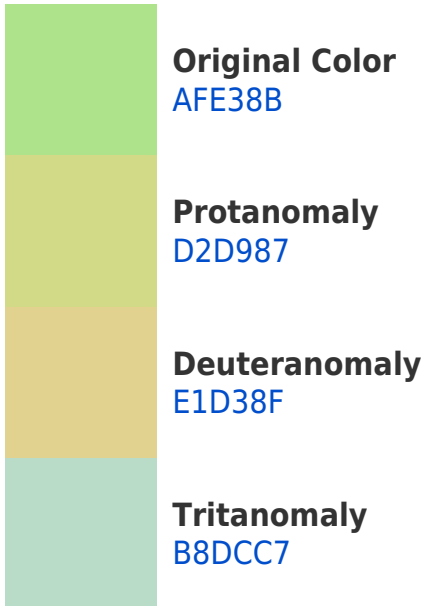
Dichromacy



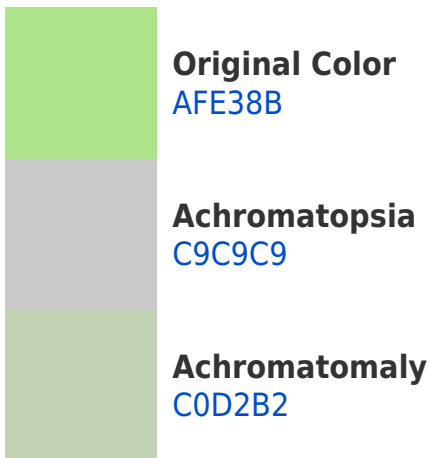


Tritanopia
BDD8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFE38B 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 #AFE38B looks like.

```
.text, #text, p{  
    color:#AFE38B  
}
```

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 #AFE38B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFE38B
}
```

Border

The CSS property to change the border of an element to Hex AFE38B 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
#AFE38B }
```

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

```
.border{ border-color:#AFE38B }
```

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

Here you see how a box with a 4 pixel #AFE38B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFE38B; -webkit-box-shadow:4px 4px  
4px 4px #AFE38B; box-shadow:4px 4px 4px  
4px #AFE38B }
```

Background

The CSS property to change the background color of an element to Hex AFE38B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFE38B }
```

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

```
.background{ background-color:#AFE38B }
```

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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