

# Converting Colors

Hex(AFE4A3)

Have a look what the booklet for  
Hex(AFE4A3) contains.

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# **Color**

**Hex(AFE4A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">AFE4A3</a>
RGB	<a href="#">175, 228, 163</a>
RGB Percent	<a href="#">69%, 89%, 64%</a>
CMY	<a href="#">0.3137, 0.1059, 0.3608</a>
CMYK	<a href="#">0.23, 0.00, 0.29, 0.11</a>
HSL	<a href="#">109°, 55%, 77%</a>
HSV	<a href="#">109°, 29%, 89%</a>
XYZ	<a href="#">52.0335, 67.2451, 44.8875</a>
YIQ	<a href="#">204.7430, -10.7230, -31.4510</a>

# Conversions

## Conversions Part 2

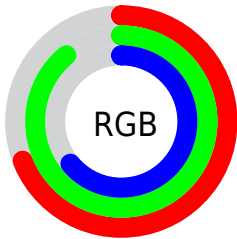
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 228, 216
Decimal	11527331
CIELab	85.63, -29.02, 26.37
CIELCh	86, 39.213, 137.744
Yxy	67.2451, 0.3170, 0.4096
Android (android.graphics.Color)	4289717411 (0xFFAFE4A3)
YUV	204.7430, -20.5793, -26.0846
Hunter-Lab	82.0031, -30.2418, 24.9476

# Details

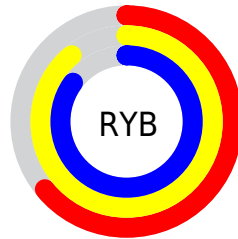
The Hex color **AFE4A3** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D8A3E4**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **E7FFDA**, and **79AC6F** is the 20% darker color. If you saturate the color by 10%, you get **9CE48C**, and if you desaturate by 10%, it is **C2E4BA**.

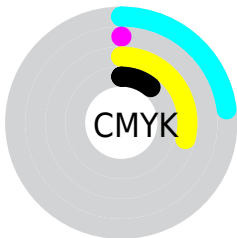
# Distribution



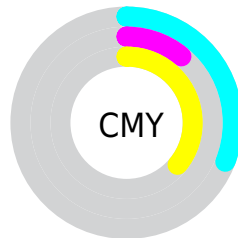
- Red (69%)
- Green (89%)
- Blue (64%)



- Red (64%)
- Yellow (89%)
- Blue (85%)



- Cyan (23%)
- Magenta (0%)
- Yellow (29%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFE4A3 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 AFE4A3 by changing the saturation by 10% instead.



 AFE4A3

 AFE4A3

FFFFFF

 94C888

 E7FFDA

 79AC6F

 FFFFF7

 5F9256

 46783E

 2D5F27

 134711

 002F00

 001C00

 000000

 AFE4A3

 AFE4A3

 9CE48C

 C2E4BA

 8AE475

 D4E4D1

 77E45F

 E7E4E7

 65E448

 F9E4FE

 52E431

 FFE4FF

 3FE41A

 2DE403

 2AE400

# Harmonies

## Analogous

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



D9DB8F



AFE4A3



82E9C5

# Triad

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



AFE4A3



8CDEFF



FFBBC1

# Complementary

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



AFE4A3



D8A3E4

# 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.



FFBBE7



AFE4A3



C5D2FF

# Square

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



AFE4A3



5CE7FF



F6C5FF



FFC2A1

# Rectangle

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



AFE4A3



67EADF



F6C5FF



FFBACE

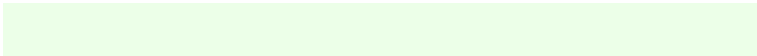


# Sweetspot

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



AFE4A3



ECFFE8



E4D7A3



748071



000000



808080

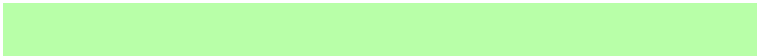


# Same Dimension

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



AFE4A3



B8FFA8



A3E4B7



697367



21B300



093300



# Inverse Universe

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



D8A3E4



EFA8FF



E4A3D1



716773



9200B3

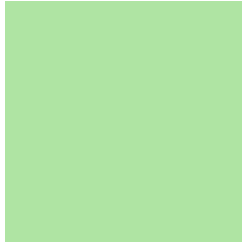


2A0033



# Previews

## White Background



This preview shows how the Hex color AFE4A3 looks on a white background.

## Color Contrast Check

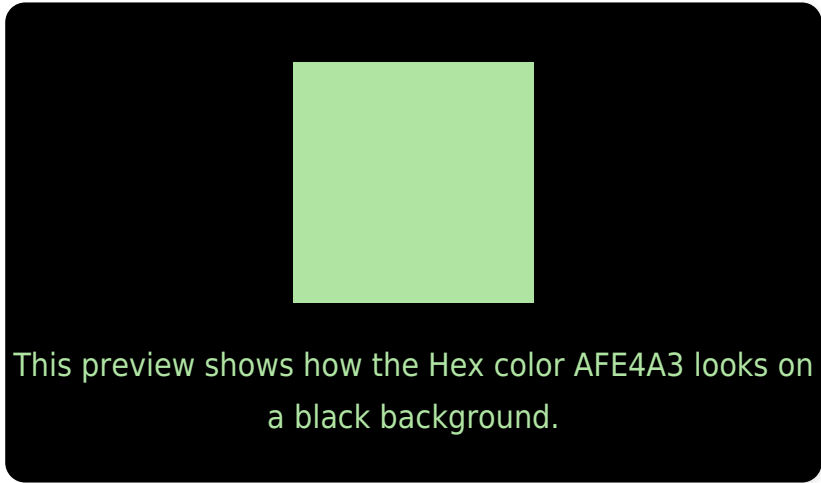
Large Text (above 18pt) WCAG AA × Fail

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

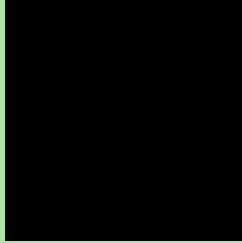
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AFE4A3 Background



This preview shows how black text looks on a background with the Hex color AFE4A3.

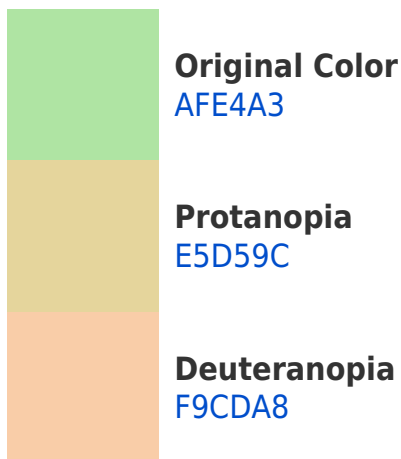


This preview shows how white text looks on a background with the Hex color AFE4A3.

# Color Blindness Simulation

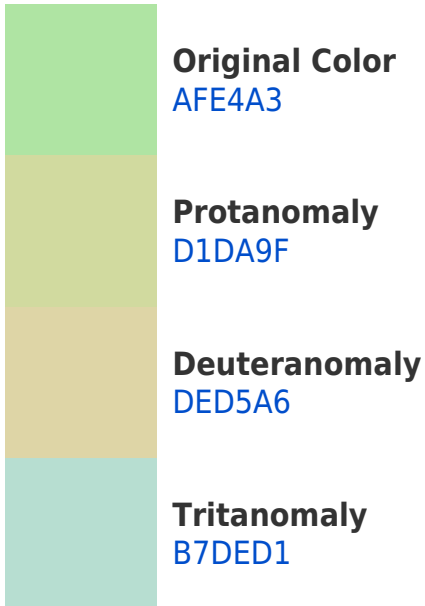
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

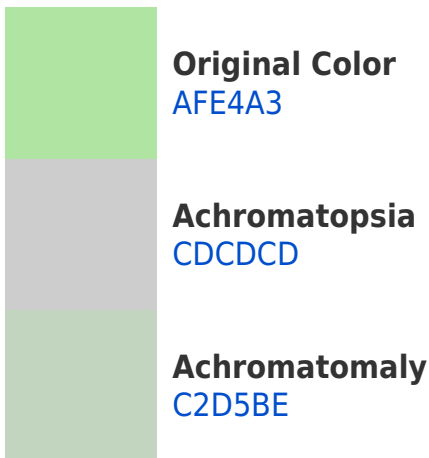




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFE4A3 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 #AFE4A3 looks like.

```
.text, #text, p{  
    color:#AFE4A3  
}
```

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 #AFE4A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFE4A3  
}
```

## Border

The CSS property to change the border of an element to Hex AFE4A3 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  
#AFE4A3 }
```

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

```
.border{ border-color:#AFE4A3 }
```

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

Here you see how a box with a 4 pixel #AFE4A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFE4A3; -webkit-box-shadow:4px 4px  
4px 4px #AFE4A3; box-shadow:4px 4px 4px  
4px #AFE4A3 }
```

# Background

The CSS property to change the background color of an element to Hex AFE4A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFE4A3 }
```

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

```
.background{ background-color:#AFE4A3 }
```

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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