

# Converting Colors

Hex(AFE59D)

Have a look what the booklet for  
Hex(AFE59D) contains.

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# **Color**

**Hex(AFE59D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AFE59D
RGB	175, 229, 157
RGB Percent	69%, 90%, 62%
CMY	0.3137, 0.1020, 0.3843
CMYK	0.24, 0.00, 0.31, 0.10
HSL	105°, 58%, 76%
HSV	105°, 31%, 90%
XYZ	51.7843, 67.5869, 42.2145
YIQ	204.6460, -9.0720, -33.8400

# Conversions

## Conversions Part 2

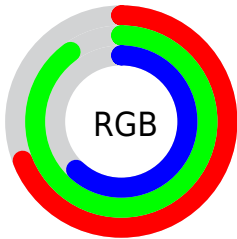
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 229, 211
Decimal	11527581
CIELab	85.80, -30.42, 29.68
CIELCh	86, 42.499, 135.703
Yxy	67.5869, 0.3205, 0.4183
Android (android.graphics.Color)	4289717661 (0xFFAFE59D)
YUV	204.6460, -23.4895, -25.9995
Hunter-Lab	82.2113, -31.4338, 27.1031

# Details

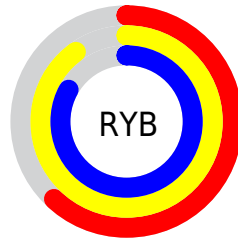
The Hex color **AFE59D** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D39DE5**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **E8FFD4**, and **79AD69** is the 20% darker color. If you saturate the color by 10%, you get **9EE586**, and if you desaturate by 10%, it is **C0E5B4**.

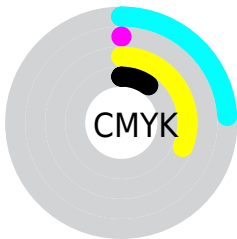
# Distribution



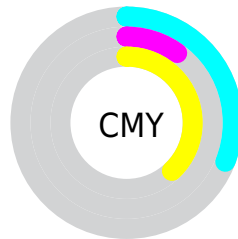
- Red (69%)
- Green (90%)
- Blue (62%)



- Red (62%)
- Yellow (90%)
- Blue (83%)



- Cyan (24%)
- Magenta (0%)
- Yellow (31%)
- Black (10%)



- Cyan (31%)
- Magenta (10%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFE59D 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 AFE59D by changing the saturation by 10% instead.



 AFE59D

FFFFFF

 E8FFD4

 FFFFF1

 AFE59D


 94C983

 79AD69

 5F9250

 467838

 2C5F21

 114709

 003000

 001D00

 000000

 AFE59D

 AFE59D

 9EE586

 C0E5B4

 8DE56F

 D1E5CB

 7BE558

 E3E5E2

 6AE541

 F4E5F9

 59E52B

 FFE5FF

 48E514

 39E500

# Harmonies

## Analogous

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



DCDB88



AFE59D



7DEBC1

# Triad

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



AFE59D



7DE0FF



FFB8C3

# Complementary

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



AFE59D



D39DE5

# 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.



FFBAEC



AFE59D



BFD3FF

# Square

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



AFE59D



43E9FF



F6C5FF



FFC09F

# Rectangle

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



AFE59D



5AECDD



F6C5FF



FFB7D0



# Sweetspot

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



AFE59D



EEFFE8



E5D39D



758071



000000



808080

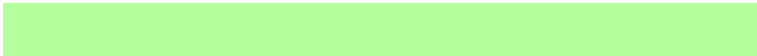


# Same Dimension

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



AFE59D



B6FF9E



9DE5AF



6A7367



2DB300



0D3300



# Inverse Universe

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



D39DE5



E79EFF



E59DD3



706773



8600B3

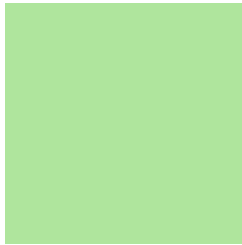


260033



# Previews

## White Background



This preview shows how the Hex color AFE59D looks on a white background.

## Color Contrast Check

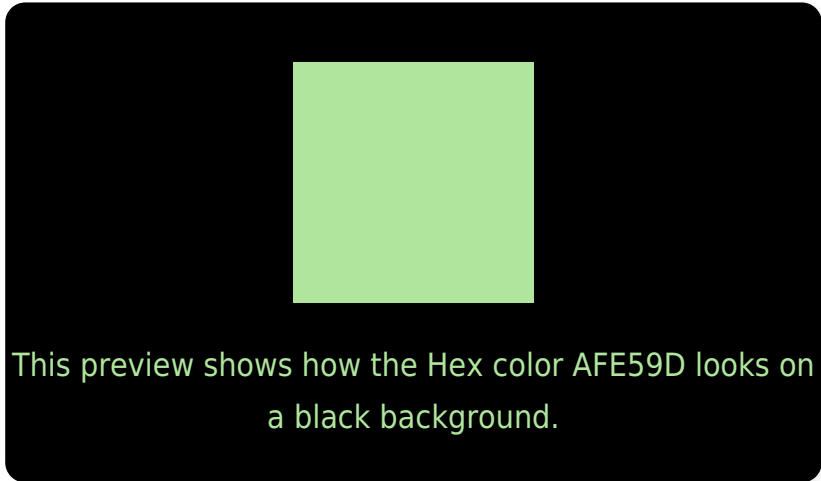
Large Text (above 18pt) WCAG AA × Fail

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

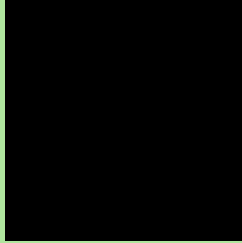
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AFE59D Background



This preview shows how black text looks on a background with the Hex color AFE59D.

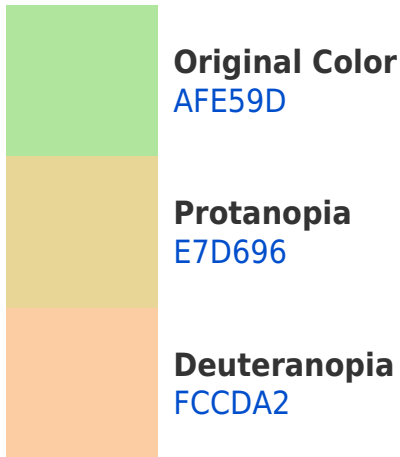


This preview shows how white text looks on a background with the Hex color AFE59D.

# Color Blindness Simulation

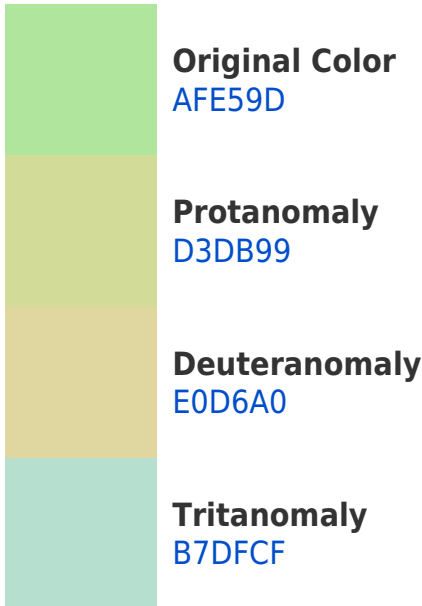
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

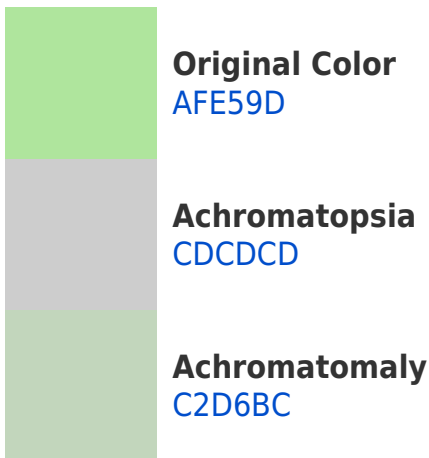




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFE59D 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 #AFE59D looks like.

```
.text, #text, p{  
    color:#AFE59D  
}
```

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 #AFE59D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFE59D
}
```

## Border

The CSS property to change the border of an element to Hex AFE59D 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
#AFE59D }
```

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

```
.border{ border-color:#AFE59D }
```

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

Here you see how a box with a 4 pixel #AFE59D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFE59D; -webkit-box-shadow:4px 4px  
4px 4px #AFE59D; box-shadow:4px 4px 4px  
4px #AFE59D }
```

# Background

The CSS property to change the background color of an element to Hex AFE59D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFE59D }
```

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

```
.background{ background-color:#AFE59D }
```

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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