

# Converting Colors

Hex(9FDA8E)

Have a look what the booklet for  
Hex(9FDA8E) contains.

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# **Color**

**Hex(9FDA8E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FDA8E
RGB	159, 218, 142
RGB Percent	62%, 85%, 56%
CMY	0.3765, 0.1451, 0.4431
CMYK	0.27, 0.00, 0.35, 0.15
HSL	107°, 51%, 71%
HSV	107°, 35%, 85%
XYZ	44.2520, 59.4667, 34.7371
YIQ	191.6950, -10.7680, -36.1440

# Conversions

## Conversions Part 2

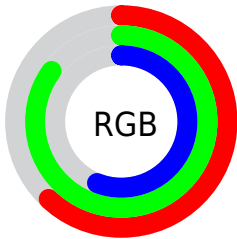
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 218, 201
Decimal	10476174
CIELab	81.55, -32.94, 31.53
CIELCh	82, 45.593, 136.254
Yxy	59.4667, 0.3196, 0.4295
Android (android.graphics.Color)	4288666254 (0xFF9FDA8E)
YUV	191.6950, -24.4996, -28.6735
Hunter-Lab	77.1147, -32.5191, 27.2725

# Details

The Hex color **9FDA8E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C98EDA**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **D7FFC4**, and **69A35B** is the 20% darker color. If you saturate the color by 10%, you get **8EDA78**, and if you desaturate by 10%, it is **B0DAA4**.

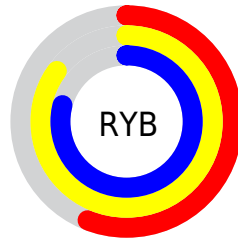
# Distribution



Red (62%)

Green (85%)

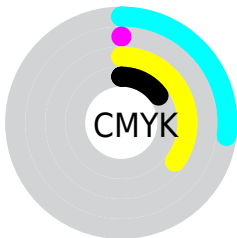
Blue (56%)



Red (56%)

Yellow (85%)

Blue (79%)

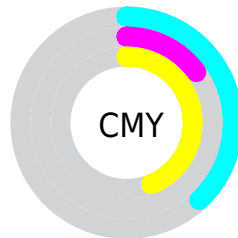


Cyan (27%)

Magenta (0%)

Yellow (35%)

Black (15%)



Cyan (38%)

Magenta (15%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FDA8E 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 9FDA8E by changing the saturation by 10% instead.



 9FDA8E

 9FDA8E

FFFFFF

 84BE74

 D7FFC4

 69A35B

 F4FFE0

 4F8842

FFFFFFD

 366F2B

 1B5613

 003E00

 002800

 000B00

 000000

 9FDA8E

 9FDA8E

 8EDA78

 B0DAA4

 7DDA62

 C1DABA

 6CDA4D

 D2DACF

 5BDA37

 E3DAE5

 4ADA21

 F4DAFB

 39DA0B

 FFDAFF

 31DA00

# Harmonies

## Analogous

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



CFCF77



9FDA8E



66E0B5

# Triad

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



9FDA8E



64D5FF



FFAAB5

# Complementary

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



9FDA8E



C98EDA

# 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.



FFABE0



9FDA8E



B2C7FF

# Square

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



9FDA8E



00DEFF



ECB7FF



FFB38F

# Rectangle

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



9FDA8E



34E1D2



ECB7FF



FFA9C3

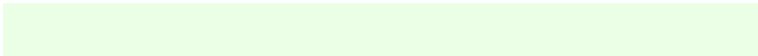


# Sweetspot

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



9FDA8E



EBFFE6



DAC88E



748070



000000



808080



# Same Dimension

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



9FDA8E



ACFF94



8EDAA2



656E63



27AD00



0A2E00



# Inverse Universe

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



C98EDA



E794FF



DA8EC6



6B636E



8700AD

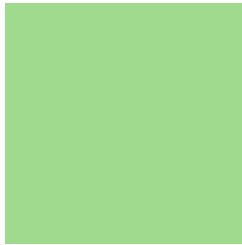


24002E



# Previews

## White Background



This preview shows how the Hex color 9FDA8E looks on a white background.

## Color Contrast Check

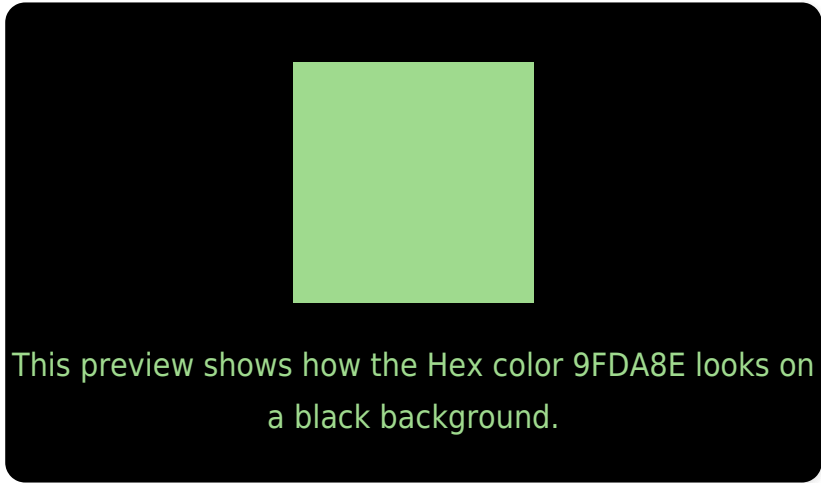
Large Text (above 18pt) WCAG AA × Fail

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

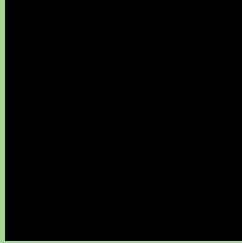
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9FDA8E Background



This preview shows how black text looks on a background with the Hex color 9FDA8E.

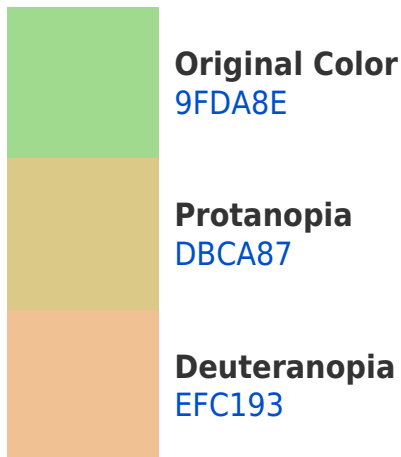


This preview shows how white text looks on a background with the Hex color 9FDA8E.

# 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](#).

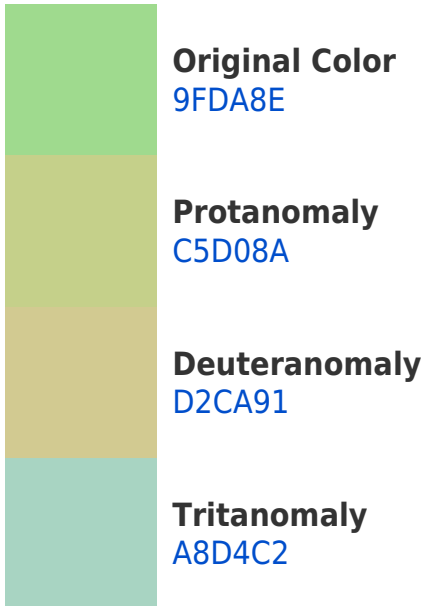
## Dichromacy



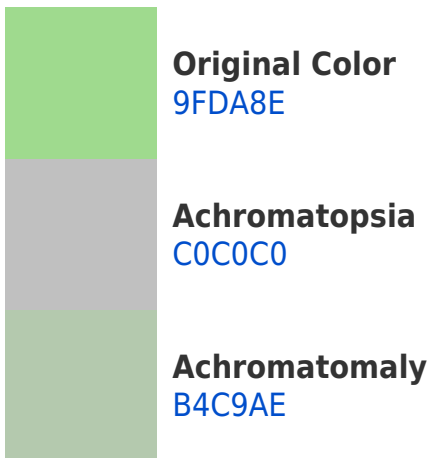


**Tritanopia**  
ADD0E0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FDA8E 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 #9FDA8E looks like.

```
.text, #text, p{  
    color:#9FDA8E  
}
```

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 #9FDA8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FDA8E
}
```

## Border

The CSS property to change the border of an element to Hex 9FDA8E 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
#9FDA8E }
```

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

```
.border{ border-color:#9FDA8E }
```

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

Here you see how a box with a 4 pixel #9FDA8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FDA8E; -webkit-box-shadow:4px 4px  
4px 4px #9FDA8E; box-shadow:4px 4px 4px  
4px #9FDA8E }
```

# Background

The CSS property to change the background color of an element to Hex 9FDA8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FDA8E }
```

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

```
.background{ background-color:#9FDA8E }
```

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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