

# Converting Colors

Hex(9FBD82)

Have a look what the booklet for  
Hex(9FBD82) contains.

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# **Color**

**Hex(9FBD82)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FBD82
RGB	159, 189, 130
RGB Percent	62%, 74%, 51%
CMY	0.3765, 0.2588, 0.4902
CMYK	0.16, 0.00, 0.31, 0.26
HSL	91°, 31%, 63%
HSV	91°, 31%, 74%
XYZ	36.5249, 45.3778, 27.9528
YIQ	173.3040, 1.0590, -24.7090

# Conversions

## Conversions Part 2

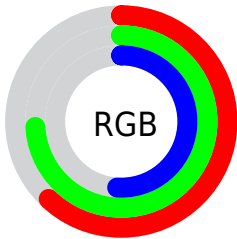
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 189, 160
Decimal	10468738
CIELab	73.14, -20.71, 26.58
CIELCh	73, 33.695, 127.927
Yxy	45.3778, 0.3325, 0.4131
Android (android.graphics.Color)	4288658818 (0xFF9FBD82)
YUV	173.3040, -21.3489, -12.5446
Hunter-Lab	67.3631, -21.1009, 22.5513

# Details

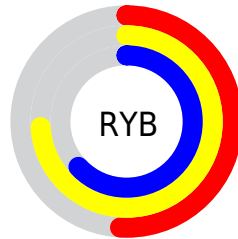
The Hex color **9FBD82** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A082BD**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **D6F5B7**, and **6B8850** is the 20% darker color. If you saturate the color by 10%, you get **95BD6F**, and if you desaturate by 10%, it is **A9BD95**.

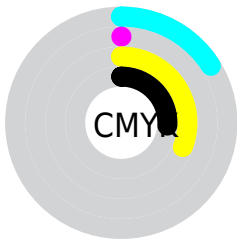
# Distribution



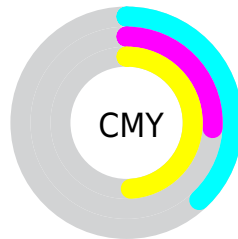
- Red (62%)
- Green (74%)
- Blue (51%)



- Red (51%)
- Yellow (74%)
- Blue (63%)



- Cyan (16%)
- Magenta (0%)
- Yellow (31%)
- Black (26%)



- Cyan (38%)
- Magenta (26%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FBD82 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 9FBD82 by changing the saturation by 10% instead.



 9FBD82

 9FBD82

FFFFFF

 84A269

 D6F5B7

 6B8850

 F3FFD3

 526E38

 FFFFF0

 3A5622

 223E0B

 0D2800

 001300

 000000

 9FBD82

 9FBD82

 95BD6F

 A9BD95

 8CBD5C

 B2BDA8

 82BD49

 BCBDBB

 79BD36

 C5BDCE

 6FBD23

 CFBDE1

 65BD11

 D9BDF3

 5DBD00

 E2BDFF

 ECBDFE

 F5BDFF

# Harmonies

## Analogous

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



C1B476



9FBD82



7AC39B

# Triad

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



9FBD82



68BDEC



F09CAC

# Complementary

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



9FBD82



A082BD

# 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.



E29FCB



9FBD82



97B4F0

# Square

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



9FBD82



4BC3D8



C2A9E4



EEA08F

# Rectangle

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



9FBD82



62C4B0



C2A9E4



ED9CB7



# Sweetspot

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



9FBD82



EAF5DF



BDA082



747A6D



FAFAFA



7A7A7A

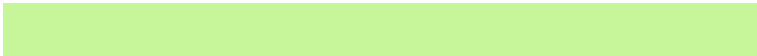


# Same Dimension

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



9FBD82



C7F59A



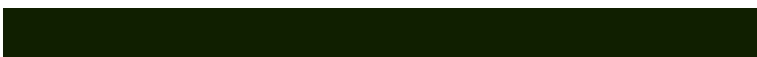
82BD82



5A5E55



4E9E00



0F1F00



# Inverse Universe

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



A082BD



C89AF5



BD82BD



5A555E



50009E



10001F



# Previews

## White Background



This preview shows how the Hex color 9FBD82 looks on a white background.

## Color Contrast Check

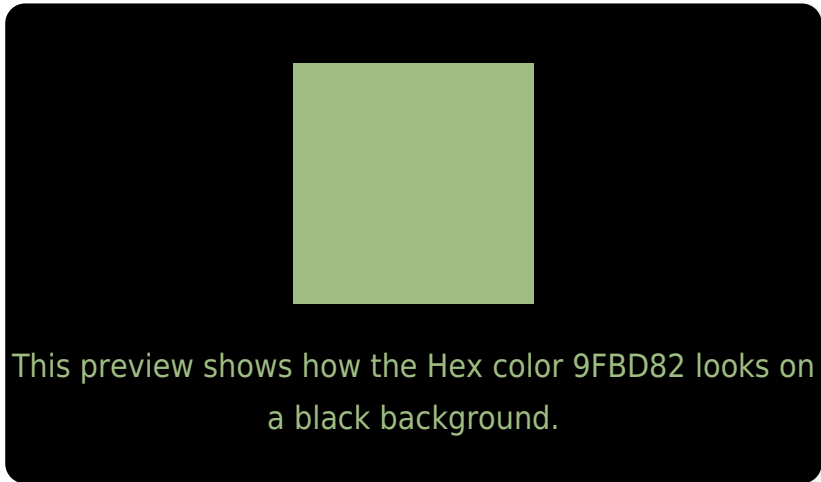
Large Text (above 18pt) WCAG AA × Fail

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 9FBD82 Background



This preview shows how black text looks on a background with the Hex color 9FBD82.

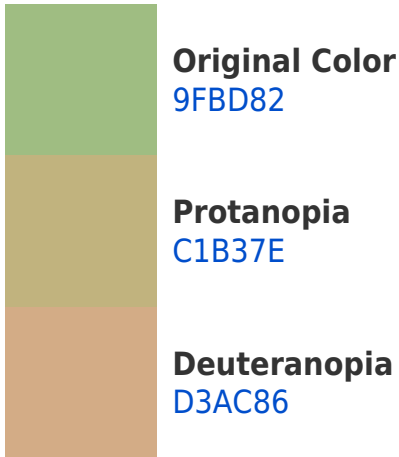


This preview shows how white text looks on a background with the Hex color 9FBD82.

# 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](#).

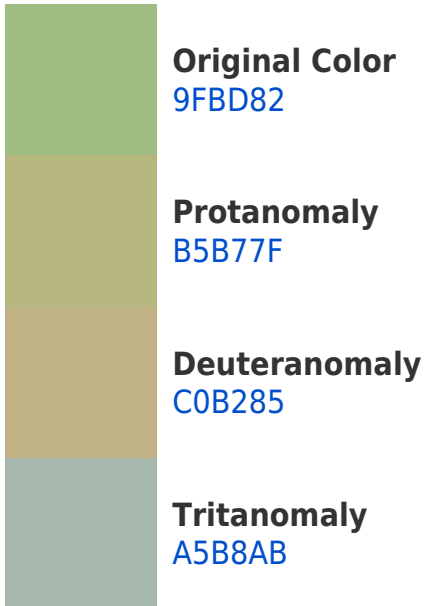
## Dichromacy



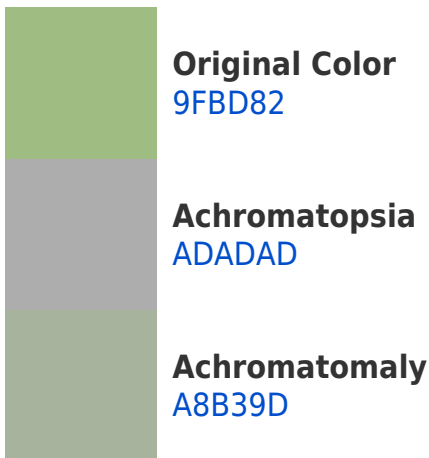


**Tritanopia**  
A9B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FBD82 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 #9FBD82 looks like.

```
.text, #text, p{  
    color:#9FBD82  
}
```

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 #9FBD82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FBD82
}
```

## Border

The CSS property to change the border of an element to Hex 9FBD82 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
#9FBD82 }
```

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

```
.border{ border-color:#9FBD82 }
```

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

Here you see how a box with a 4 pixel #9FBD82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FBD82; -webkit-box-shadow:4px 4px  
4px 4px #9FBD82; box-shadow:4px 4px 4px  
4px #9FBD82 }
```

# Background

The CSS property to change the background color of an element to Hex 9FBD82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FBD82 }
```

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

```
.background{ background-color:#9FBD82 }
```

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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