

# Converting Colors

Hex(9FC789)

Have a look what the booklet for  
Hex(9FC789) contains.

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# **Color**

**Hex(9FC789)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FC789
RGB	159, 199, 137
RGB Percent	62%, 78%, 54%
CMY	0.3765, 0.2196, 0.4627
CMYK	0.20, 0.00, 0.31, 0.22
HSL	99°, 36%, 66%
HSV	99°, 31%, 78%
XYZ	39.2369, 50.0239, 31.2545
YIQ	179.9720, -3.9380, -27.7620

# Conversions

## Conversions Part 2

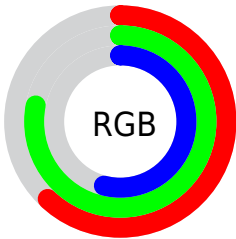
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 199, 177
Decimal	10471305
CIELab	76.08, -24.62, 26.83
CIELCh	76, 36.416, 132.533
Yxy	50.0239, 0.3256, 0.4151
Android (android.graphics.Color)	4288661385 (0xFF9FC789)
YUV	179.9720, -21.1852, -18.3924
Hunter-Lab	70.7276, -24.7486, 23.3091

# Details

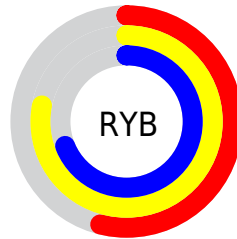
The Hex color **9FC789** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B189C7**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **D6FFBF**, and **6A9156** is the 20% darker color. If you saturate the color by 10%, you get **92C775**, and if you desaturate by 10%, it is **ACC79D**.

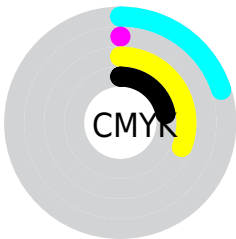
# Distribution



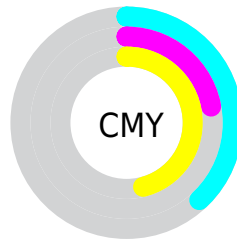
- Red (62%)
- Green (78%)
- Blue (54%)



- Red (54%)
- Yellow (78%)
- Blue (69%)



- Cyan (20%)
- Magenta (0%)
- Yellow (31%)
- Black (22%)



- Cyan (38%)
- Magenta (22%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FC789 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 9FC789 by changing the saturation by 10% instead.





9FC789



9FC789

FFFFFF



84AC6F



D6FFBF



6A9156



F3FFDB



51773F



FFFFF7



395E28



214611



0B2F00



001D00



000000



9FC789



9FC789

 92C775

 ACC79D

 85C761

 B9C7B1

 78C74D

 C6C7C5

 6CC739

 D2C7D9

 5FC726

 DFC7ED

 52C712

 ECC7FF

 47C700

 F9C7FF

 FFC7FF

# Harmonies

## Analogous

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



C4BE79



9FC789



76CCA6

# Triad

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



9FC789



6EC5FB



FEA2AF

# Complementary

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



9FC789



B189C7

# 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.



F1A4D1



9FC789



A3BAFD

# Square

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



9FC789



46CBE8



D2AEED



F8A890

# Rectangle

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



9FC789



5CCEBD



D2AEED



FCA2BA



# Sweetspot

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



9FC789



F0FFE8



C7B089



768071



000000



808080

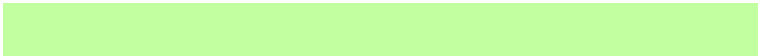


# Same Dimension

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



9FC789



C2FFA1



89C791



5D635A



3AA300



0D2400



# Inverse Universe

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



B189C7



DEA1FF



C789BF



605A63



6900A3



170024



# Previews

## White Background



This preview shows how the Hex color 9FC789 looks on a white background.

## Color Contrast Check

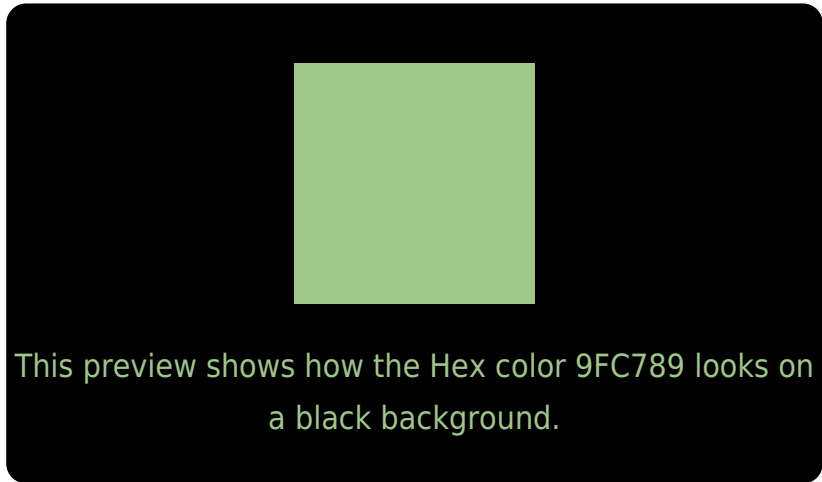
Large Text (above 18pt) WCAG AA × Fail

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

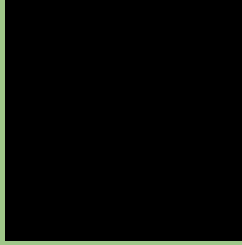
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9FC789 Background



This preview shows how black text looks on a background with the Hex color 9FC789.

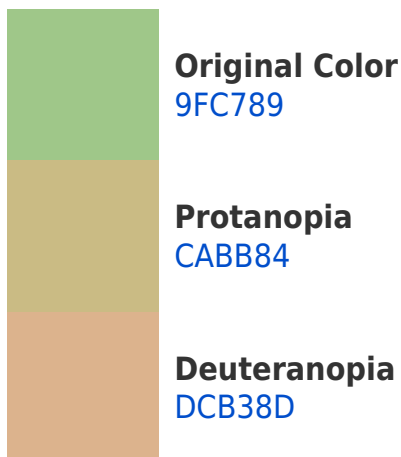


This preview shows how white text looks on a background with the Hex color 9FC789.

# 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



**Original Color**  
9FC789

**Protanomaly**  
BABF86

**Deuteranomaly**  
C6BA8C

**Tritanomaly**  
A6C1B4

# Monochromacy



**Original Color**  
9FC789

**Achromatopsia**  
B4B4B4

**Achromatomaly**  
ACBBA4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FC789 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 #9FC789 looks like.

```
.text, #text, p{  
    color:#9FC789  
}
```

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 #9FC789 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FC789
}
```

## Border

The CSS property to change the border of an element to Hex 9FC789 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
#9FC789 }
```

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

```
.border{ border-color:#9FC789 }
```

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

Here you see how a box with a 4 pixel #9FC789 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FC789; -webkit-box-shadow:4px 4px  
4px 4px #9FC789; box-shadow:4px 4px 4px  
4px #9FC789 }
```

# Background

The CSS property to change the background color of an element to Hex 9FC789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FC789 }
```

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

```
.background{ background-color:#9FC789 }
```

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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