

# Converting Colors

Hex(9FAF6D)

Have a look what the booklet for  
Hex(9FAF6D) contains.

<b>Hex(9FAF6D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9FAF6D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FAF6D
RGB	159, 175, 109
RGB Percent	62%, 69%, 43%
CMY	0.3765, 0.3137, 0.5725
CMYK	0.09, 0.00, 0.38, 0.31
HSL	75°, 29%, 56%
HSV	75°, 38%, 69%
XYZ	32.3884, 39.1350, 20.3148
YIQ	162.6920, 11.6500, -23.9180

# Conversions

## Conversions Part 2

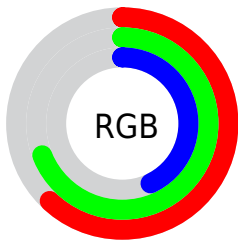
Format	Color
<a href="#">RYB</a>	<a href="#">109, 175, 125</a>
Decimal	<a href="#">10465133</a>
CIELab	<a href="#">68.85, -16.49, 32.01</a>
CIELCh	<a href="#">69, 36.007, 117.258</a>
Yxy	<a href="#">39.1350, 0.3527, 0.4261</a>
Android (android.graphics.Color)	<a href="#">4288655213</a> ( <a href="#">0xFF9FAF6D</a> )
YUV	<a href="#">162.6920, -26.4702, -3.2379</a>
Hunter-Lab	<a href="#">62.5580, -17.0610, 24.5370</a>

# Details

The Hex color **9F6F6D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7D6DAF**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D6E7A1**, and **6A7B3C** is the 20% darker color. If you saturate the color by 10%, you get **9BAF5C**, and if you desaturate by 10%, it is **A3AF7F**.

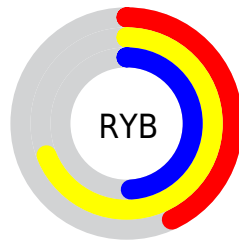
# Distribution



Red (62%)

Green (69%)

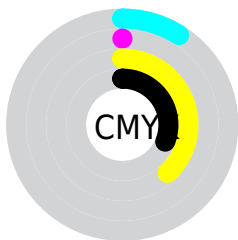
Blue (43%)



Red (43%)

Yellow (69%)

Blue (49%)

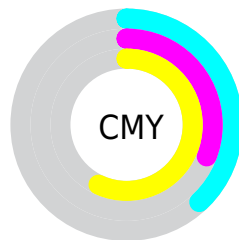


Cyan (9%)

Magenta (0%)

Yellow (38%)

Black (31%)



Cyan (38%)

Magenta (31%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FAF6D 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 9FAF6D by changing the saturation by 10% instead.





9FAF6D



9FAF6D

FFFFFF



849454



D6E7A1



6A7B3C



F3FFBD



516225



FFFFD9



394A0D



FFFFF5



233300



071E00



000000



9FAF6D



9FAF6D



9BAF5C



A3AF7F

97AF4A

A7AF90

92AF38

ACAFA2

8EAF27

B0AFB3

8AAF15

B4AFC4

86AF04

B8AFD6

85AF00

BDAFE8

C1AFF9

C5AFFF

# Harmonies

## Analogous

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



C0A567



9FAF6D



79B684

# Triad

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



9FAF6D



3EB5DE



E48FAC

# Complementary

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



9FAF6D



7D6DAF

# 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.



CE95CC



9FAF6D



74ACE9

# Square

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



9FAF6D



28B9C5



A8A1E2



E7918C

# Rectangle

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



9FAF6D



5DB999



A8A1E2



DF90B7



# Sweetspot

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



9FAF6D



DDE3CA



AF7C6D



6F7364



F2F2F2



737373



# Same Dimension

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



9FAF6D



CAE37D



7FAF6D



55574E



729600



111700



# Inverse Universe

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



7D6DAF



967DE3



9D6DAF



504E57



240096



060017



# Previews

## White Background



This preview shows how the Hex color 9FAF6D 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

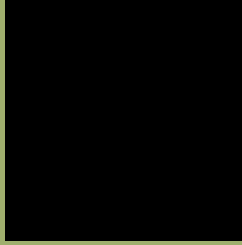
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9FAF6D Background



This preview shows how black text looks on a background with the Hex color 9FAF6D.



This preview shows how white text looks on a background with the Hex color 9FAF6D.

# 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



**Original Color**  
9FAF6D

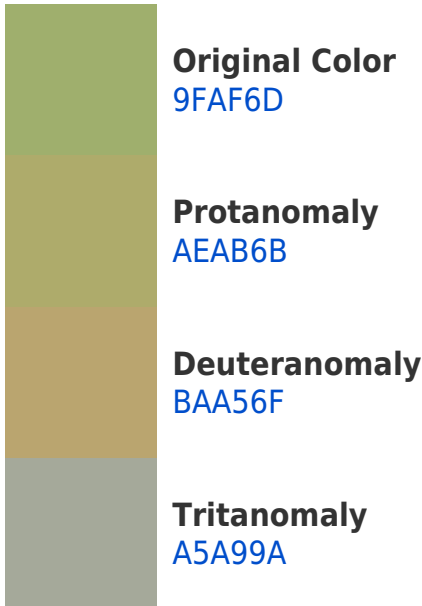
**Protanopia**  
B7A86A

**Deuteranopia**  
C9A070

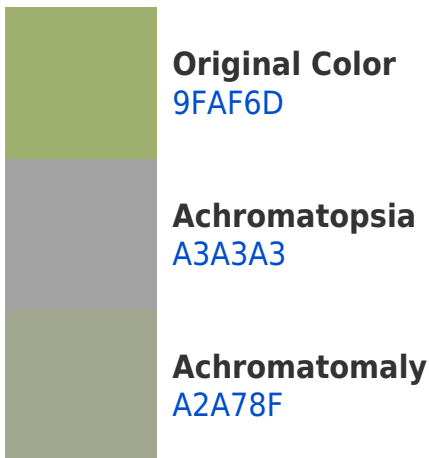


**Tritanopia**  
A8A6B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FAF6D 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 #9FAF6D looks like.

```
.text, #text, p{  
    color:#9FAF6D  
}
```

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 #9FAF6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FAF6D
}
```

## Border

The CSS property to change the border of an element to Hex 9FAF6D 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
#9FAF6D }
```

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

```
.border{ border-color:#9FAF6D }
```

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

Here you see how a box with a 4 pixel #9FAF6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FAF6D; -webkit-box-shadow:4px 4px  
4px 4px #9FAF6D; box-shadow:4px 4px 4px  
4px #9FAF6D }
```

# Background

The CSS property to change the background color of an element to Hex 9FAF6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FAF6D }
```

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

```
.background{ background-color:#9FAF6D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor