

# Converting Colors

Hex(9FB246)

Have a look what the booklet for  
Hex(9FB246) contains.

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**Color**

**Hex(9FB246)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FB246
RGB	159, 178, 70
RGB Percent	62%, 70%, 27%
CMY	0.3765, 0.3020, 0.7255
CMYK	0.11, 0.00, 0.61, 0.30
HSL	71°, 44%, 49%
HSV	71°, 61%, 70%
XYZ	31.3240, 39.6539, 11.7974
YIQ	160.0070, 23.3440, -37.6160

# Conversions

## Conversions Part 2

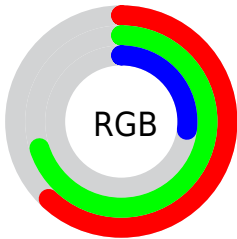
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">70, 178, 89</a>
Decimal	<a href="#">10465862</a>
CIELab	<a href="#">69.22, -21.97, 51.59</a>
CIELCh	<a href="#">69, 56.071, 113.067</a>
Yxy	<a href="#">39.6539, 0.3784, 0.4791</a>
Android (android.graphics.Color)	<a href="#">4288655942 (0xFF9FB246)</a>
YUV	<a href="#">160.0070, -44.3735, -0.8831</a>
Hunter-Lab	<a href="#">62.9714, -21.4083, 32.9723</a>

# Details

The Hex color **9FB246** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5946B2**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D8EA7B**, and **697D0C** is the 20% darker color. If you saturate the color by 10%, you get **9CB234**, and if you desaturate by 10%, it is **A2B258**.

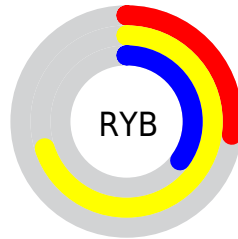
# Distribution



Red (62%)

Green (70%)

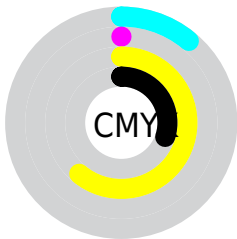
Blue (27%)



Red (27%)

Yellow (70%)

Blue (35%)

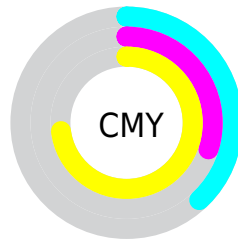


Cyan (11%)

Magenta (0%)

Yellow (61%)

Black (30%)



Cyan (38%)

Magenta (30%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FB246 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 9FB246 by changing the saturation by 10% instead.





9FB246



9FB246

FFFFFF



84972B



D8EA7B



697D0C



F5FF96



4E6400



FFFFB1



364C00



FFFFCD



1B3600



FFFEEA



002100



000000



9FB246



9FB246



9CB234



A2B258

 99B222

 A5B26A

 96B211

 A8B27B

 93B200

 ACB28D

 AFB29F

 B2B2B1

 B5B2C3

 B8B2D4

 BBB2E6

# Harmonies

## Analogous

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



D0A240



9FB246



61BC69

# Triad

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



9FB246



00BDF9



FF7DB7

# Complementary

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



9FB246



5946B2

# 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.



DC8CE7



9FB246



00B2FF

# Square

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



9FB246



00C2CF



98A0FF



FF7F84

# Rectangle

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



9FB246



00C08A



98A0FF



F781C8



# Sweetspot

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



9FB246



E1E8BE



B25846



71755B



F5F5F5



757575



# Same Dimension

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



9FB246



CAE83F



6AB246



585950



7E9900



151A00



# Inverse Universe

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



5946B2



5C3FE8



8E46B2



525059



1B0099



04001A



# Previews

## White Background



This preview shows how the Hex color 9FB246 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 9FB246 Background



This preview shows how black text looks on a background with the Hex color 9FB246.

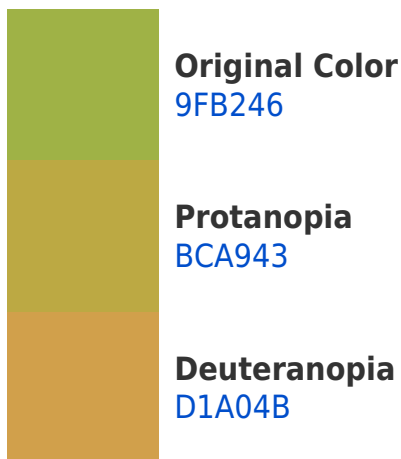


This preview shows how white text looks on a background with the Hex color 9FB246.

# 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](#).

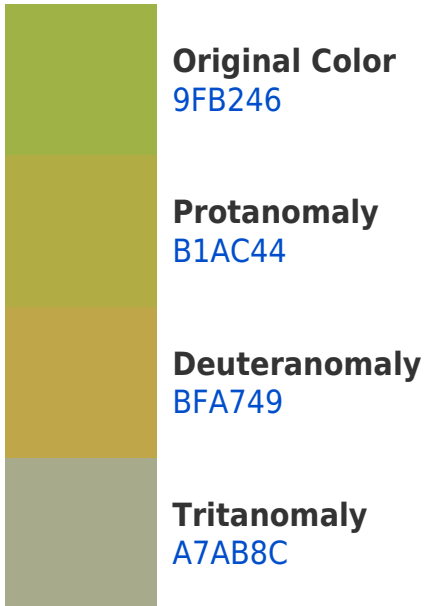
## Dichromacy





**Tritanopia**  
ABA7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FB246 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 #9FB246 looks like.

```
.text, #text, p{  
    color:#9FB246  
}
```

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 #9FB246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FB246
}
```

## Border

The CSS property to change the border of an element to Hex 9FB246 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
#9FB246 }
```

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

```
.border{ border-color:#9FB246 }
```

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

Here you see how a box with a 4 pixel #9FB246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FB246; -webkit-box-shadow:4px 4px  
4px 4px #9FB246; box-shadow:4px 4px 4px  
4px #9FB246 }
```

# Background

The CSS property to change the background color of an element to Hex 9FB246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FB246 }
```

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

```
.background{ background-color:#9FB246 }
```

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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