

Converting Colors

Hex(9FB66A)

Have a look what the booklet for
Hex(9FB66A) contains.

Hex(9FB66A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9FB66A)

Conversions

Conversions Part 1

Format	Color
Hex	9FB66A
RGB	159, 182, 106
RGB Percent	62%, 71%, 42%
CMY	0.3765, 0.2863, 0.5843
CMYK	0.13, 0.00, 0.42, 0.29
HSL	78°, 34%, 56%
HSV	78°, 42%, 71%
XYZ	33.6275, 41.8674, 19.9445
YIQ	166.4590, 10.6880, -28.5120

Conversions

Conversions Part 2

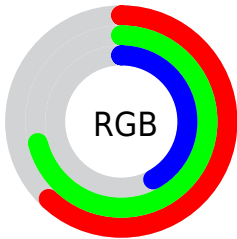
Format	Color
RYB	106, 182, 129
Decimal	10466922
CIELab	70.78, -20.41, 36.04
CIELCh	71, 41.416, 119.531
Yxy	41.8674, 0.3523, 0.4387
Android (android.graphics.Color)	4288657002 (0xFF9FB66A)
YUV	166.4590, -29.8063, -6.5415
Hunter-Lab	64.7050, -20.4665, 27.0181

Details

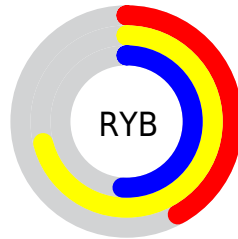
The Hex color **9FB66A** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **816AB6**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **D7EE9E**, and **6A8139** is the 20% darker color. If you saturate the color by 10%, you get **99B658**, and if you desaturate by 10%, it is **A5B67C**.

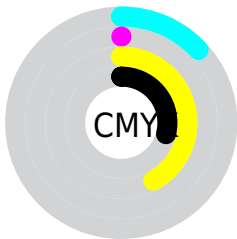
Distribution



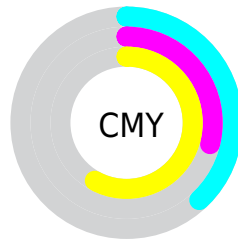
- Red (62%)
- Green (71%)
- Blue (42%)



- Red (42%)
- Yellow (71%)
- Blue (51%)



- Cyan (13%)
- Magenta (0%)
- Yellow (42%)
- Black (29%)



- Cyan (38%)
- Magenta (29%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FB66A 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 9FB66A by changing the saturation by 10% instead.



9FB66A



9FB66A

FFFFFF



849B51



D7EE9E



6A8139



F4FFBA



516821



FFFFD6



385006



FFFFF2



223900



062300



000500



000000



9FB66A



9FB66A

99B658

A5B67C

94B646

AAB68E

8EB633

B0B6A1

89B621

B5B6B3

83B60F

BBB6C5

7FB600

C0B6D7

C6B6E9

CBB6FC

D1B6FF

Harmonies

Analogous

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



C6AB61



9FB66A



71BE86

Triad

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



9FB66A



18BBED



F38FAF

Complementary

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



9FB66A



816AB6

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.



DC96D4



9FB66A



72B1F8

Square

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



9FB66A



00C0D1



B0A4EF



F5928A

Rectangle

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



9FB66A



4DC09E



B0A4EF



EE91BC

Sweetspot

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



9FB66A



E4EDCE



B6816A



727865



F7F7F7



787878

Same Dimension

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



9FB66A



C9ED77



79B66A



595C53



6C9C00



141C00

Inverse Universe

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



816AB6



9A77ED



A76AB6



55535C



2F009C



08001C

Previews

White Background



This preview shows how the Hex color 9FB66A looks on a white background.

Color Contrast Check

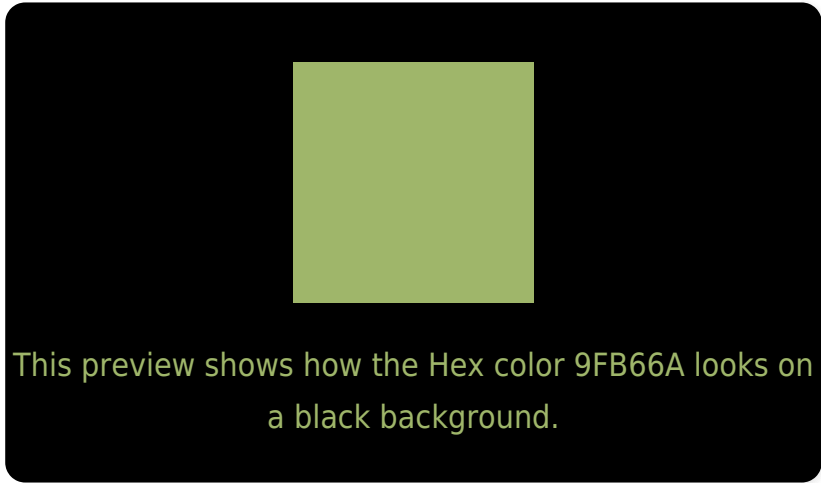
Large Text (above 18pt) WCAG AA × Fail

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

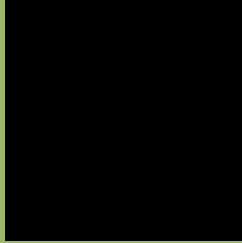
Any Text WCAG AA ✓ Pass

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 9FB66A Background



This preview shows how black text looks on a background with the Hex color 9FB66A.

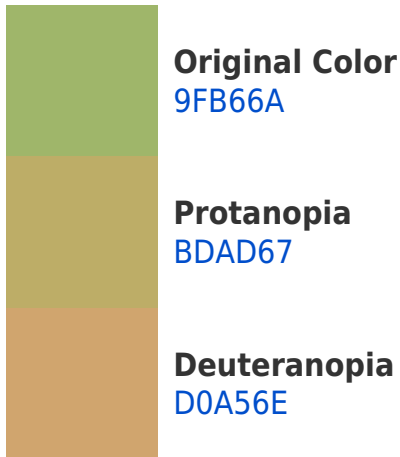


This preview shows how white text looks on a background with the Hex color 9FB66A.

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](#).

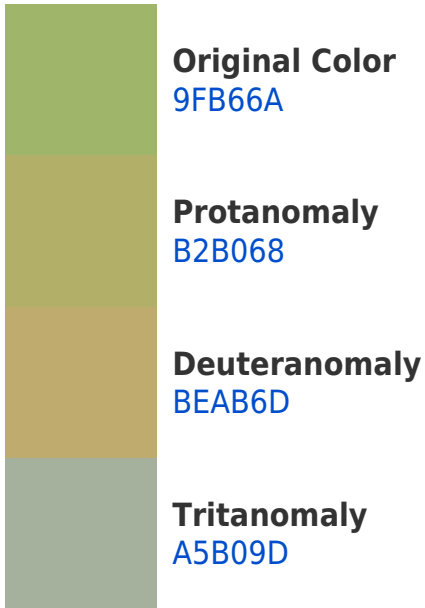
Dichromacy





Tritanopia
A9ADBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9FB66A 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 #9FB66A looks like.

```
.text, #text, p{  
    color:#9FB66A  
}
```

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 #9FB66A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FB66A
}
```

Border

The CSS property to change the border of an element to Hex 9FB66A 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
#9FB66A }
```

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

```
.border{ border-color:#9FB66A }
```

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

Here you see how a box with a 4 pixel #9FB66A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FB66A; -webkit-box-shadow:4px 4px  
4px 4px #9FB66A; box-shadow:4px 4px 4px  
4px #9FB66A }
```

Background

The CSS property to change the background color of an element to Hex 9FB66A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FB66A }
```

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

```
.background{ background-color:#9FB66A }
```

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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