

Converting Colors

Hex(9FB65A)

Have a look what the booklet for
Hex(9FB65A) contains.

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Color

Hex(9FB65A)

Conversions

Conversions Part 1

Format	Color
Hex	9FB65A
RGB	159, 182, 90
RGB Percent	62%, 71%, 35%
CMY	0.3765, 0.2863, 0.6471
CMYK	0.13, 0.00, 0.51, 0.29
HSL	75°, 39%, 53%
HSV	75°, 51%, 71%
XYZ	32.8715, 41.5650, 15.9632
YIQ	164.6350, 15.8240, -33.4880

Conversions

Conversions Part 2

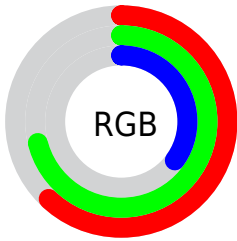
Format	Color
RYB	90, 182, 113
Decimal	10466906
CIELab	70.57, -22.18, 43.80
CIELCh	71, 49.096, 116.859
Yxy	41.5650, 0.3636, 0.4598
Android (android.graphics.Color)	4288656986 (0xFF9FB65A)
YUV	164.6350, -36.7951, -4.9419
Hunter-Lab	64.4709, -21.8132, 30.4493

Details

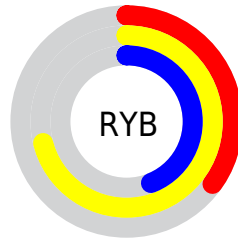
The Hex color **9FB65A** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **715AB6**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **D7EE8E**, and **698127** is the 20% darker color. If you saturate the color by 10%, you get **9AB648**, and if you desaturate by 10%, it is **A4B66C**.

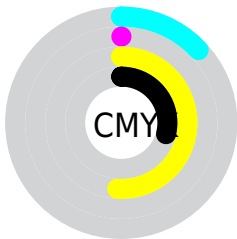
Distribution



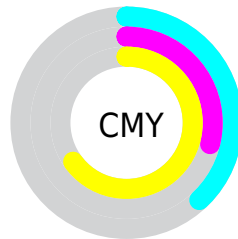
- Red (62%)
- Green (71%)
- Blue (35%)



- Red (35%)
- Yellow (71%)
- Blue (44%)



- Cyan (13%)
- Magenta (0%)
- Yellow (51%)
- Black (29%)



- Cyan (38%)
- Magenta (29%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FB65A 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 9FB65A by changing the saturation by 10% instead.

 9FB65A

 9FB65A

FFFFFF

 849B41

 D7EE8E

 698127

 F4FFA9

 50680B

 FFFFC5

 375000

 FFFFE2

 1E3900

 002300

 000400

 000000

 9FB65A

 9FB65A

■ 9AB648

■ A4B66C

■ 96B636

■ A8B67E

■ 91B623

■ ADB691

■ 8DB611

■ B1B6A3

■ 89B600

■ B6B6B5

■ BAB6C7

■ BFB6D9

■ C3B6EC

■ C8B6FE

Harmonies

Analogous

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



CCA951



9FB65A



68BF7A

Triad

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



9FB65A



00BEF6



FC88B3

Complementary

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



9FB65A



715AB6

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.



E092DE



9FB65A



52B3FF

Square

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



9FB65A



00C3D4



A9A3FC



FF8B87

Rectangle

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



9FB65A



31C297



A9A3FC



F68AC2

Sweetspot

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



9FB65A



E4EDCA



B6715A



727862



F7F7F7



787878

Same Dimension

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



9FB65A



C9ED5C



71B65A



5A5C53



759C00



151C00

Inverse Universe

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



715AB6



815CED



9F5AB6



55535C



27009C



07001C

Previews

White Background



This preview shows how the Hex color 9FB65A looks on a white background.

Color Contrast Check

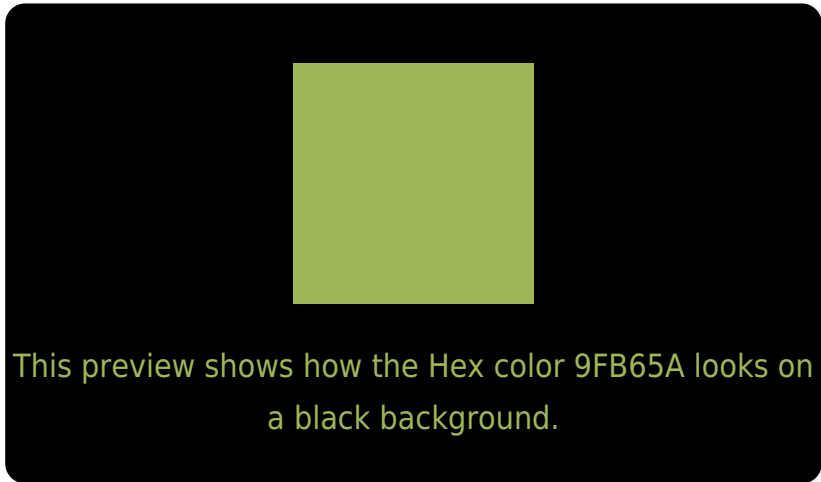
Large Text (above 18pt) WCAG AA × Fail

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 9FB65A Background



This preview shows how black text looks on a background with the Hex color 9FB65A.

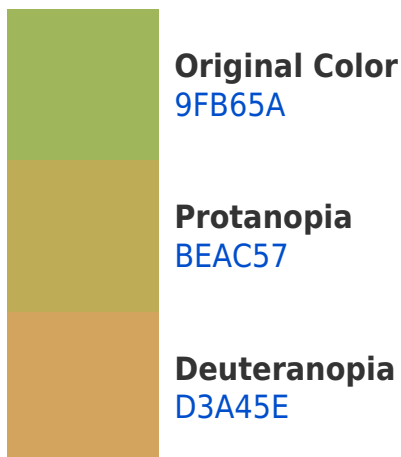


This preview shows how white text looks on a background with the Hex color 9FB65A.

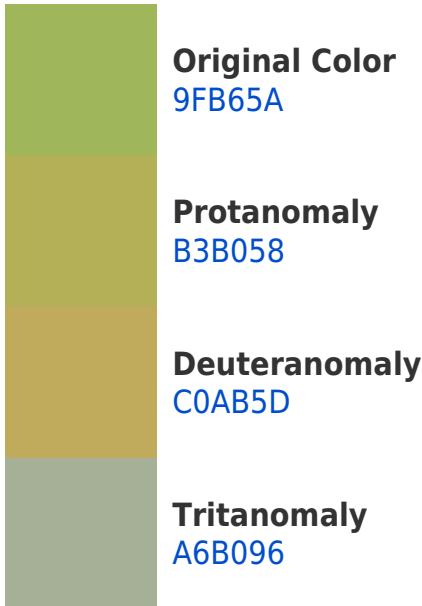
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9FB65A 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 #9FB65A looks like.

```
.text, #text, p{  
    color:#9FB65A  
}
```

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 #9FB65A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FB65A
}
```

Border

The CSS property to change the border of an element to Hex 9FB65A 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
#9FB65A }
```

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

```
.border{ border-color:#9FB65A }
```

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

Here you see how a box with a 4 pixel #9FB65A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FB65A; -webkit-box-shadow:4px 4px  
4px 4px #9FB65A; box-shadow:4px 4px 4px  
4px #9FB65A }
```

Background

The CSS property to change the background color of an element to Hex 9FB65A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FB65A }
```

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

```
.background{ background-color:#9FB65A }
```

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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