

Converting Colors

Hex(9FBB5B)

Have a look what the booklet for
Hex(9FBB5B) contains.

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Color

Hex(9FBB5B)

Conversions

Conversions Part 1

Format	Color
Hex	9FBB5B
RGB	159, 187, 91
RGB Percent	62%, 73%, 36%
CMY	0.3765, 0.2667, 0.6431
CMYK	0.15, 0.00, 0.51, 0.27
HSL	77°, 41%, 55%
HSV	77°, 51%, 73%
XYZ	33.9567, 43.6669, 16.5364
YIQ	167.6840, 14.1280, -35.7920

Conversions

Conversions Part 2

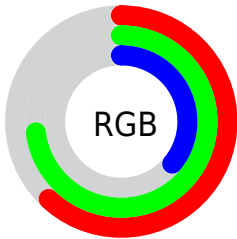
Format	Color
R_{YB}	91, 187, 119
Decimal	10468187
CIE Lab	72.01, -24.55, 45.03
CIE LCh	72, 51.284, 118.598
Yxy	43.6669, 0.3606, 0.4638
Android (android.graphics.Color)	4288658267 (0xFF9FBB5B)
YUV	167.6840, -37.8052, -7.6159
Hunter-Lab	66.0809, -23.9166, 31.4197

Details

The Hex color **9FBB5B** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **775BBB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D7F38F**, and **698628** is the 20% darker color. If you saturate the color by 10%, you get **9ABB48**, and if you desaturate by 10%, it is **A4BB6E**.

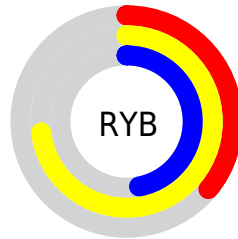
Distribution



Red (62%)

Green (73%)

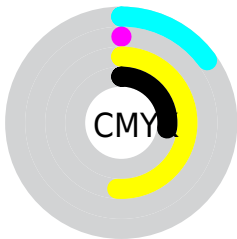
Blue (36%)



Red (36%)

Yellow (73%)

Blue (47%)

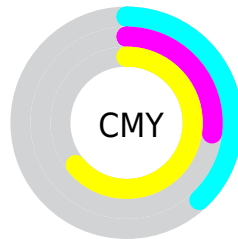


Cyan (15%)

Magenta (0%)

Yellow (51%)

Black (27%)



Cyan (38%)

Magenta (27%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FBB5B 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 9FBB5B by changing the saturation by 10% instead.



9FBB5B



9FBB5B

FFFFFF



84A042



D7F38F



698628



F4FFAB



4F6C0B



FFFFC6



365400



FFFFE3



1D3D00



002700



000D00



000000



9FBB5B



9FBB5B

 9ABB48

 A4BB6E

 94BB36

 AABB80

 8FBB23

 AFBB93

 89BB10

 B5BBA6

 84BB00

 BABBB9

 C0BBCB

 C5BBDE

 CB BBF1

 D0BBFF

Harmonies

Analogous

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



CEAD50



9FBB5B



64C47E

Triad

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



9FBB5B



00C2FF



FF89B5

Complementary

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



9FBB5B



775BBB

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.



E893E2



9FBB5B



56B6FF

Square

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



9FBB5B



00C8DC



B0A5FF



FF8D86

Rectangle

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



9FBB5B



20C79C



B0A5FF



FE8BC4

Sweetspot

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



9FBB5B



E8F2CE



BB765B



747A64



FAFAFA



7A7A7A

Same Dimension

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



9FBB5B



C6F25C



70BB5B



5C5E55



709E00



161F00

Inverse Universe

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



775BBB



885CF2



A65BBB



58555E



2E009E



09001F

Previews

White Background



This preview shows how the Hex color 9FBB5B looks on a white background.

Color Contrast Check

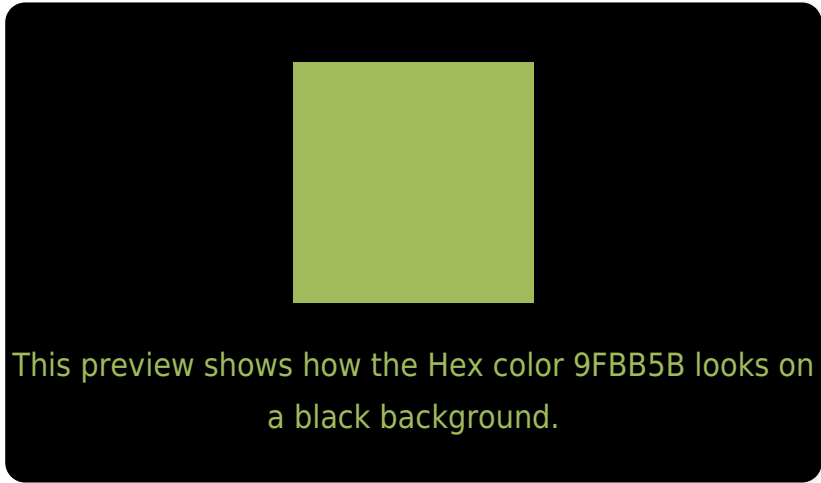
Large Text (above 18pt) WCAG AA × Fail

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 9FBB5B Background



This preview shows how black text looks on a background with the Hex color 9FBB5B.

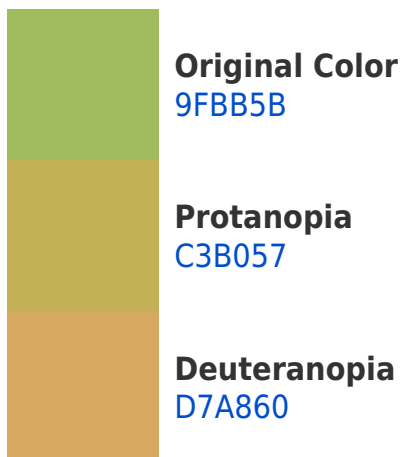


This preview shows how white text looks on a background with the Hex color 9FBB5B.

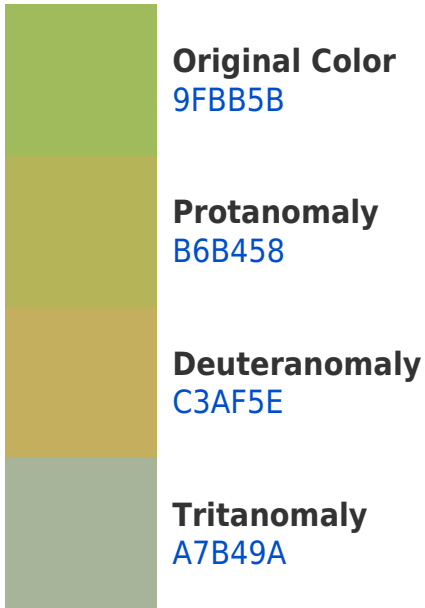
Color Blindness Simulation

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 9FBB5B 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 #9FBB5B looks like.

```
.text, #text, p{  
    color:#9FBB5B  
}
```

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 #9FBB5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FBB5B
}
```

Border

The CSS property to change the border of an element to Hex 9FBB5B 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
#9FBB5B }
```

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

```
.border{ border-color:#9FBB5B }
```

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

Here you see how a box with a 4 pixel #9FBB5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FBB5B; -webkit-box-shadow:4px 4px  
4px 4px #9FBB5B; box-shadow:4px 4px 4px  
4px #9FBB5B }
```

Background

The CSS property to change the background color of an element to Hex 9FBB5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FBB5B }
```

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

```
.background{ background-color:#9FBB5B }
```

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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