

# Converting Colors

Hex(9BAB18)

Have a look what the booklet for  
Hex(9BAB18) contains.

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**Color**

**Hex(9BAB18)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BAB18
RGB	155, 171, 24
RGB Percent	61%, 67%, 9%
CMY	0.3922, 0.3294, 0.9059
CMYK	0.09, 0.00, 0.86, 0.33
HSL	67°, 75%, 38%
HSV	67°, 86%, 67%
XYZ	28.2453, 36.1603, 6.3551
YIQ	149.4580, 37.6510, -49.1090

# Conversions

## Conversions Part 2

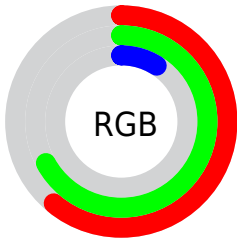
Format	Color
<a href="#">RYB</a>	24, 171, 40
Decimal	10201880
CIELab	66.64, -22.56, 64.91
CIELCh	67, 68.714, 109.162
Yxy	36.1603, 0.3992, 0.5110
Android (android.graphics.Color)	4288391960 (0xFF9BAB18)
YUV	149.4580, -61.8508, 4.8603
Hunter-Lab	60.1335, -21.3901, 35.8275

# Details

The Hex color **9BAB18** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2818AB**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D5E256**, and **637700** is the 20% darker color. If you saturate the color by 10%, you get **99AB07**, and if you desaturate by 10%, it is **9DAB29**.

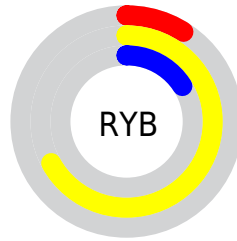
# Distribution



Red (61%)

Green (67%)

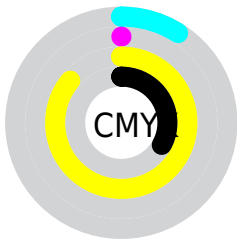
Blue (9%)



Red (9%)

Yellow (67%)

Blue (16%)

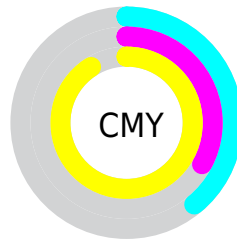


Cyan (9%)

Magenta (0%)

Yellow (86%)

Black (33%)



Cyan (39%)

Magenta (33%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BAB18 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 9BAB18 by changing the saturation by 10% instead.





9BAB18



9BAB18

FFFFFF



7F9100



D5E256



637700



F2FF71



495E00



FFFF8D



2E4700



FFFFA9



133000



FFFFC6



001D00



FFFFE3



000000



9BAB18



9BAB18



99AB07



9DAB29

■ 98AB00

■ 9FAB3A

■ A1AB4B

■ A2AB5C

■ A4AB6D

■ A6AB7F

■ A8AB90

■ AAABA1

■ ACABB2

# Harmonies

## Analogous

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



D49716



9BAB18



4DB74C

# Triad

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



9BAB18



00BBFF



FF68BB

# Complementary

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



9BAB18



2818AB

# 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.



D680F4



9BAB18



00B0FF

# Square

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



9BAB18



00BFC9



759BFF



FF687D

# Rectangle

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



9BAB18



00BC74



759BFF



FA6ECF



# Sweetspot

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



9BAB18



D8DEA4



AB2718



6C704D



F0F0F0



707070



# Same Dimension

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



9BAB18



C6DE00



53AB18



56574E



869600



141700



# Inverse Universe

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



2818AB



1800DE



7018AB



4F4E57



100096



020017



# Previews

## White Background



This preview shows how the Hex color 9BAB18 looks on a white background.

## Color Contrast Check

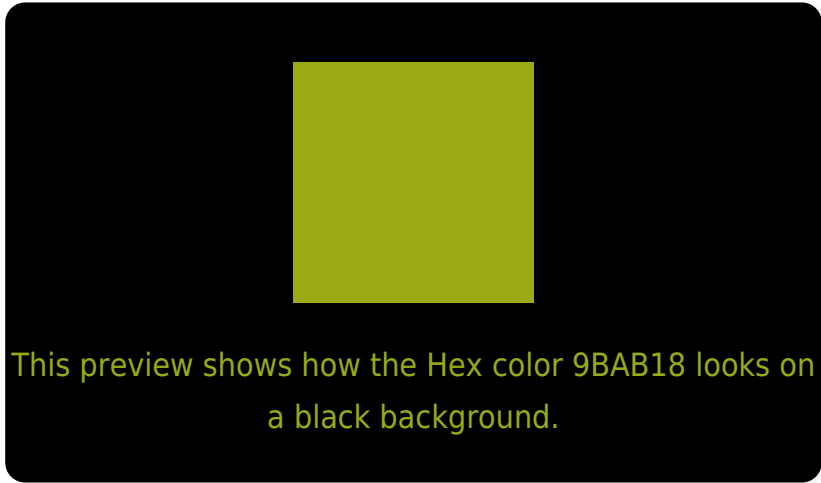
Large Text (above 18pt) WCAG AA × Fail

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 9BAB18 Background



This preview shows how black text looks on a background with the Hex color 9BAB18.

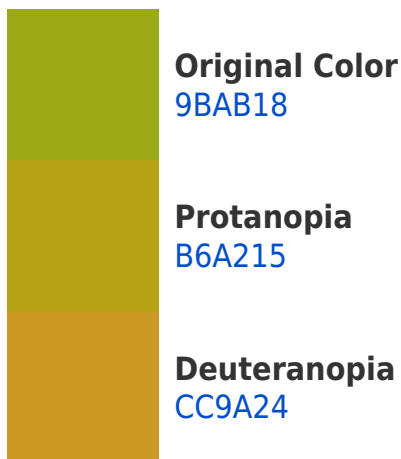


This preview shows how white text looks on a background with the Hex color 9BAB18.

# Color Blindness Simulation

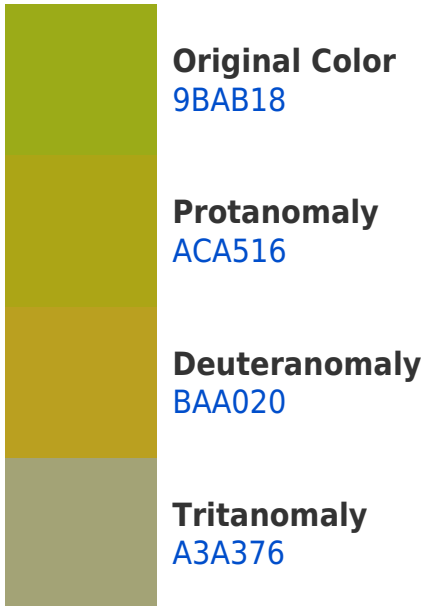
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

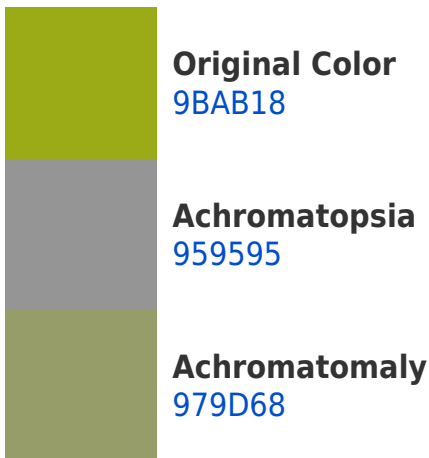




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BAB18 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 #9BAB18 looks like.

```
.text, #text, p{  
    color:#9BAB18  
}
```

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 #9BAB18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BAB18
}
```

## Border

The CSS property to change the border of an element to Hex 9BAB18 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
#9BAB18 }
```

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

```
.border{ border-color:#9BAB18 }
```

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

Here you see how a box with a 4 pixel #9BAB18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BAB18; -webkit-box-shadow:4px 4px  
4px 4px #9BAB18; box-shadow:4px 4px 4px  
4px #9BAB18 }
```

# Background

The CSS property to change the background color of an element to Hex 9BAB18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BAB18 }
```

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

```
.background{ background-color:#9BAB18 }
```

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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