

Converting Colors

Hex(9BAB00)

Have a look what the booklet for
Hex(9BAB00) contains.

Hex(9BAB00)	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(9BAB00)

Conversions

Conversions Part 1

Format	Color
Hex	9BAB00
RGB	155, 171, 0
RGB Percent	61%, 67%, 0%
CMY	0.3922, 0.3294, 1.0000
CMYK	0.09, 0.00, 1.00, 0.33
HSL	66°, 100%, 34%
HSV	66°, 100%, 67%
XYZ	28.0805, 36.0944, 5.4869
YIQ	146.7220, 45.3550, -56.5730

Conversions

Conversions Part 2

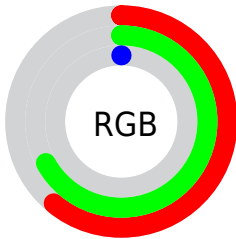
Format	Color
RYB	0, 171, 16
Decimal	10201856
CIELab	66.59, -22.99, 68.53
CIELCh	67, 72.280, 108.545
Yxy	36.0944, 0.4031, 0.5181
Android (android.graphics.Color)	4288391936 (0xFF9BAB00)
YUV	146.7220, -72.3339, 7.2598
Hunter-Lab	60.0786, -21.7074, 36.6401

Details

The Hex color **9BAB00** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1000AB**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **D5E24C**, and **637700** is the 20% darker color. If you saturate the color by 10%, you get **9BAB00**, and if you desaturate by 10%, it is **9DAB11**.

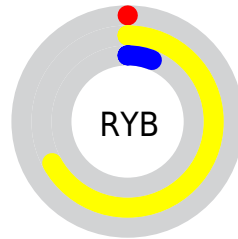
Distribution



Red (61%)

Green (67%)

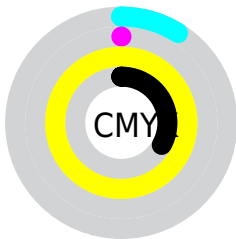
Blue (0%)



Red (0%)

Yellow (67%)

Blue (6%)

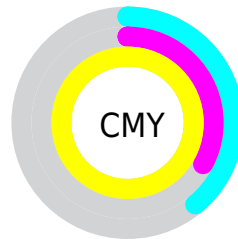


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (39%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BAB00 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 9BAB00 by changing the saturation by 10% instead.

 9BAB00

 9BAB00

FFFFFF

 7F9100

 D5E24C

 637700

 F3FF69

 485E00

 FFFF85

 2D4700

 FFFFA1

 123000

 FFFFBD

 001D00

 FFFFDA

 000000

 FFFF8

 9BAB00

 9DAB11

 9EAB22

 A0AB33

 A1AB44

 A3AB55

 A5AB67

 A6AB78

 A8AB89

 A9AB9A

Harmonies

Analogous

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



D69602



9BAB00



48B845

Triad

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



9BAB00



00BCFF



FF63BE

Complementary

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



9BAB00



1000AB

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.



D77EF9



9BAB00



00B1FF

Square

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



9BAB00



00C0C9



6C9BFF



FF627D

Rectangle

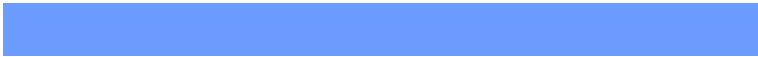
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9BAB00



00BD70



6C9BFF



FE6AD3

Sweetspot

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



9BAB00



D8DE9B



AB0E00



6C7048



F0F0F0



707070

Same Dimension

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



9BAB00



C9DE00



47AB00



56574E



889600



151700

Inverse Universe

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



1000AB



1500DE



6400AB



4F4E57



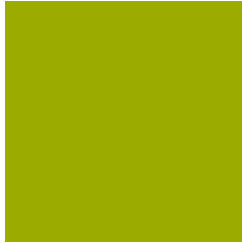
0E0096



020017

Previews

White Background



This preview shows how the Hex color 9BAB00 looks on a white background.

Color Contrast Check

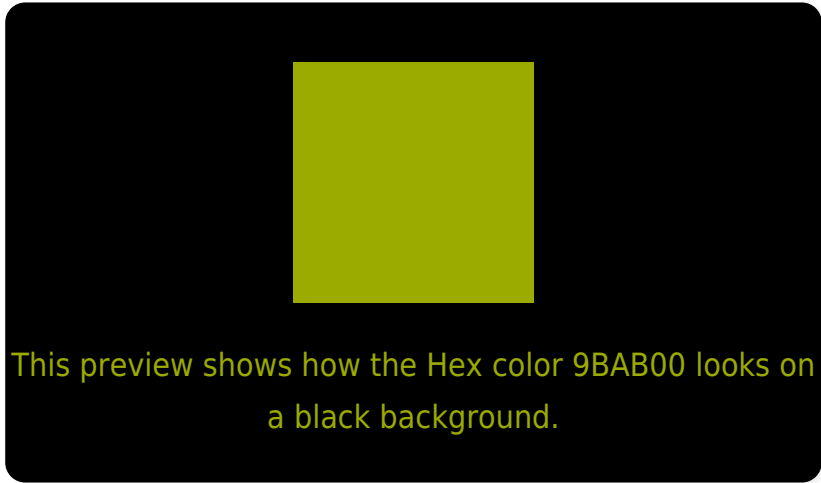
Large Text (above 18pt) WCAG AA × Fail

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 9BAB00 Background



This preview shows how black text looks on a background with the Hex color 9BAB00.



This preview shows how white text looks on a background with the Hex color 9BAB00.

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



Original Color
9BAB00

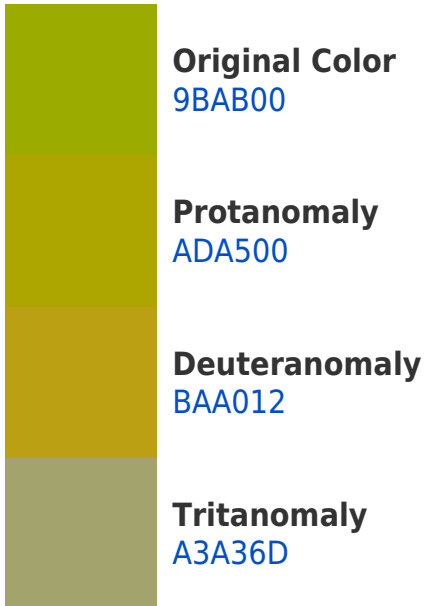
Protanopia
B7A200

Deuteranopia
CC991C



Tritanopia
A89FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BAB00 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 #9BAB00 looks like.

```
.text, #text, p{  
    color:#9BAB00  
}
```

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 #9BAB00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BAB00
}
```

Border

The CSS property to change the border of an element to Hex 9BAB00 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
#9BAB00 }
```

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

```
.border{ border-color:#9BAB00 }
```

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

Here you see how a box with a 4 pixel #9BAB00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BAB00; -webkit-box-shadow:4px 4px  
4px 4px #9BAB00; box-shadow:4px 4px 4px  
4px #9BAB00 }
```

Background

The CSS property to change the background color of an element to Hex 9BAB00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BAB00 }
```

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

```
.background{ background-color:#9BAB00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor