

# Converting Colors

Hex(9BAC5D)

Have a look what the booklet for  
Hex(9BAC5D) contains.

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**Color**

**Hex(9BAC5D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BAC5D
RGB	155, 172, 93
RGB Percent	61%, 67%, 36%
CMY	0.3922, 0.3255, 0.6353
CMYK	0.10, 0.00, 0.46, 0.33
HSL	73°, 32%, 52%
HSV	73°, 46%, 67%
XYZ	30.2459, 37.2639, 15.9545
YIQ	157.9110, 15.2270, -28.1730

# Conversions

## Conversions Part 2

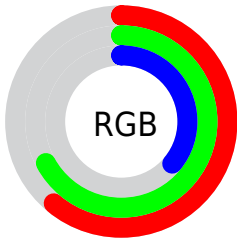
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 172, 110
Decimal	10202205
CIELab	67.47, -18.44, 38.48
CIElCh	67, 42.674, 115.608
Yxy	37.2639, 0.3624, 0.4465
Android (android.graphics.Color)	4288392285 (0xFF9BAC5D)
YUV	157.9110, -32.0011, -2.5529
Hunter-Lab	61.0442, -18.3850, 27.2349

# Details

The Hex color **9BAC5D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6E5DAC**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D3E391**, and **66782C** is the 20% darker color. If you saturate the color by 10%, you get **97AC4C**, and if you desaturate by 10%, it is **9FAC6E**.

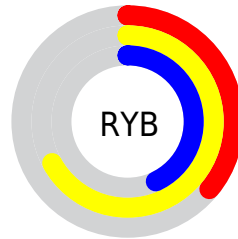
# Distribution



Red (61%)

Green (67%)

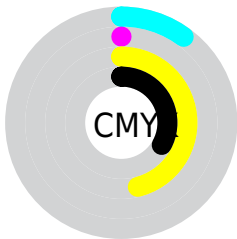
Blue (36%)



Red (36%)

Yellow (67%)

Blue (43%)

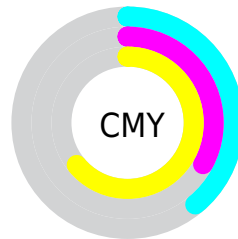


Cyan (10%)

Magenta (0%)

Yellow (46%)

Black (33%)



Cyan (39%)

Magenta (33%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BAC5D 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 9BAC5D by changing the saturation by 10% instead.



 9BAC5D

 9BAC5D

FFFFFF

 809144

 D3E391

 66782C

 EFFFAC

 4D5F13

 FFFFC8

 344700

 FFFF E4

 1D3100

 001D00

 000000

 9BAC5D

 9BAC5D

 97AC4C

 9FAC6E

■ 94AC3B

■ A2AC7F

■ 90AC29

■ A6AC91

■ 8CAC18

■ AAACA2

■ 88AC07

■ AEACB3

■ 87AC00

■ B1ACC4

■ B5ACD5

■ B9ACE7

■ BCACF8

# Harmonies

## Analogous

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



C1A056



9BAC5D



6DB477

# Triad

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



9BAC5D



00B3E3



E986AC

# Complementary

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



9BAC5D



6E5DAC

# 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.



CF8ED0



9BAC5D



5BAAF1

# Square

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



9BAC5D



00B8C4



9F9CEA



ED8885

# Rectangle

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



9BAC5D



47B790



9F9CEA



E388B8



# Sweetspot

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



9BAC5D



DAE0C1



AC6D5D



6C705D



F0F0F0



707070



# Same Dimension

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



9BAC5D



C6E065



75AC5D



55574E



769600



121700



# Inverse Universe

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



6E5DAC



8065E0



945DAC



504E57



200096



050017



# Previews

## White Background



This preview shows how the Hex color 9BAC5D looks on a white background.

## Color Contrast Check

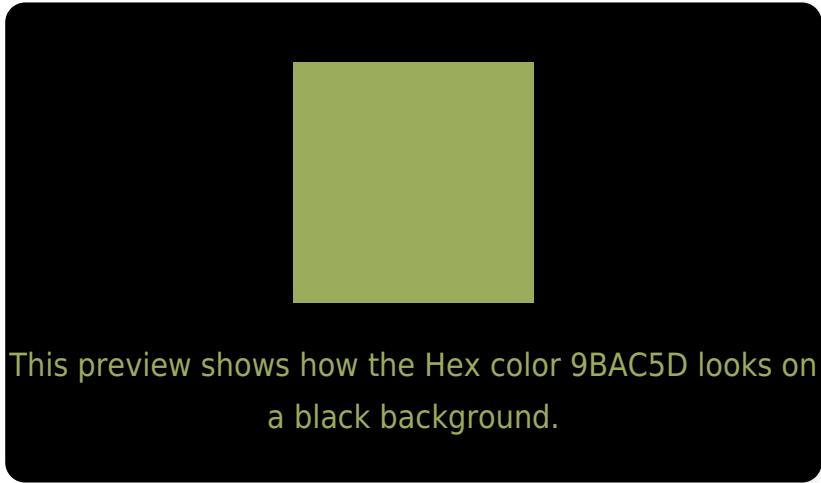
Large Text (above 18pt) WCAG AA × Fail

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 9BAC5D Background



This preview shows how black text looks on a background with the Hex color 9BAC5D.



This preview shows how white text looks on a background with the Hex color 9BAC5D.

# 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**  
9BAC5D

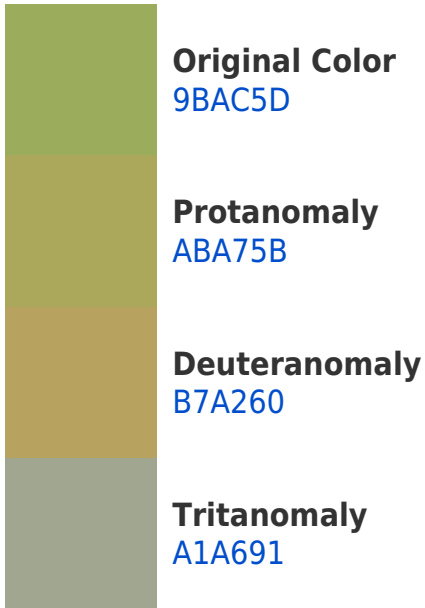
**Protanopia**  
B4A45A

**Deuteranopia**  
C79D61

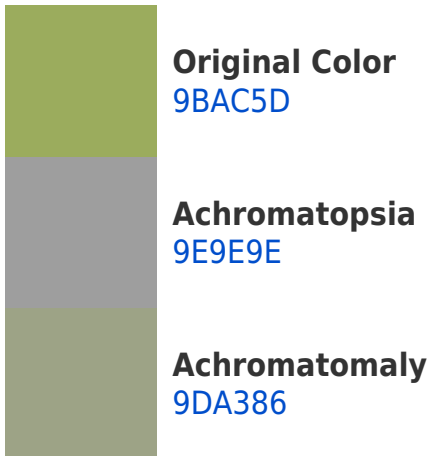


**Tritanopia**  
A5A3AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BAC5D 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 #9BAC5D looks like.

```
.text, #text, p{  
    color:#9BAC5D  
}
```

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 #9BAC5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BAC5D
}
```

## Border

The CSS property to change the border of an element to Hex 9BAC5D 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
#9BAC5D }
```

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

```
.border{ border-color:#9BAC5D }
```

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

Here you see how a box with a 4 pixel #9BAC5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BAC5D; -webkit-box-shadow:4px 4px  
4px 4px #9BAC5D; box-shadow:4px 4px 4px  
4px #9BAC5D }
```

# Background

The CSS property to change the background color of an element to Hex 9BAC5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BAC5D }
```

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

```
.background{ background-color:#9BAC5D }
```

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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