

# Converting Colors

Hex(9BAC12)

Have a look what the booklet for  
Hex(9BAC12) contains.

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**Color**

**Hex(9BAC12)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BAC12
RGB	155, 172, 18
RGB Percent	61%, 67%, 7%
CMY	0.3922, 0.3255, 0.9294
CMYK	0.10, 0.00, 0.90, 0.33
HSL	67°, 81%, 37%
HSV	67°, 90%, 67%
XYZ	28.3793, 36.5173, 6.1251
YIQ	149.3610, 39.3020, -51.4980

# Conversions

## Conversions Part 2

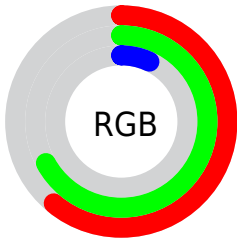
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">18, 172, 35</a>
Decimal	<a href="#">10202130</a>
CIELab	<a href="#">66.91, -23.20, 66.32</a>
CIELCh	<a href="#">67, 70.261, 109.278</a>
Yxy	<a href="#">36.5173, 0.3996, 0.5142</a>
Android (android.graphics.Color)	<a href="#">4288392210 (0xFF9BAC12)</a>
YUV	<a href="#">149.3610, -64.7610, 4.9454</a>
Hunter-Lab	<a href="#">60.4295, -21.9235, 36.2911</a>

# Details

The Hex color **9BAC12** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2312AC**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D5E353**, and **637800** is the 20% darker color. If you saturate the color by 10%, you get **99AC01**, and if you desaturate by 10%, it is **9DAC23**.

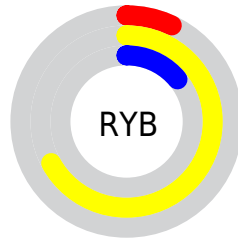
# Distribution



Red (61%)

Green (67%)

Blue (7%)



Red (7%)

Yellow (67%)

Blue (14%)

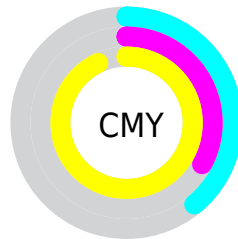


Cyan (10%)

Magenta (0%)

Yellow (90%)

Black (33%)



Cyan (39%)

Magenta (33%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BAC12 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 9BAC12 by changing the saturation by 10% instead.





9BAC12



9BAC12

FFFFFF



7F9200



D5E353



637800



F3FF6F



495F00



FFFF8B



2D4700



FFFFA7



123100



FFFFC3



001E00



FFFFE0



000000

FFFFFFE



9BAC12



9BAC12

■ 99AC01

■ 9DAC23

■ 99AC00

■ 9FAC34

■ A1AC46

■ A3AC57

■ A4AC68

■ A6AC79

■ A8AC8A

■ AAAC9C

■ ACACAD

# Harmonies

## Analogous

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



D59810



9BAC12



4BB94A

# Triad

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



9BAC12



00BCFF



FF67BC

# Complementary

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



9BAC12



2312AC

# 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.



D87FF6



9BAC12



00B1FF

# Square

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



9BAC12



00C0CB



749CFF



FF677D

# Rectangle

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



9BAC12



00BD73



749CFF



FD6DD1



# Sweetspot

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



9BAC12



DAE0A4



AC2112



6C704C



F0F0F0



707070



# Same Dimension

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



9BAC12



C8E000



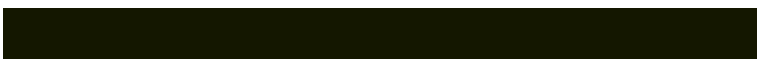
50AC12



56574E



869600



141700



# Inverse Universe

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



2312AC



1900E0



6E12AC



4F4E57



110096



030017



# Previews

## White Background



This preview shows how the Hex color 9BAC12 looks on a white background.

## Color Contrast Check

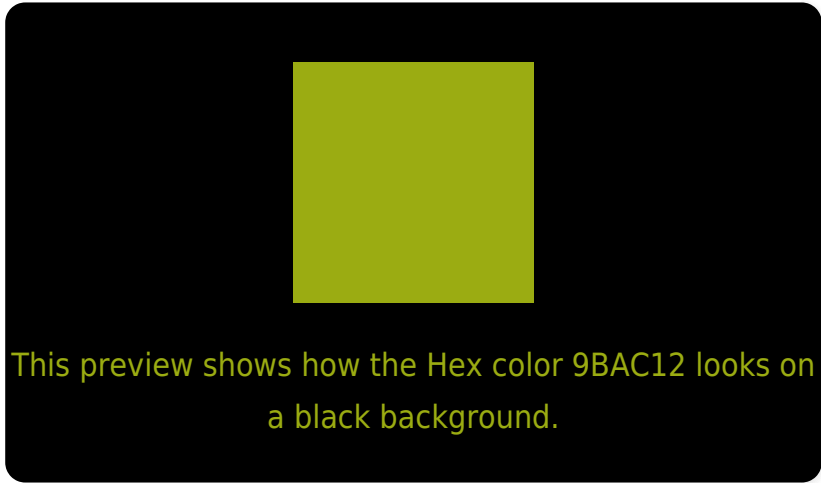
Large Text (above 18pt) WCAG AA × Fail

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 9BAC12 Background



This preview shows how black text looks on a background with the Hex color 9BAC12.

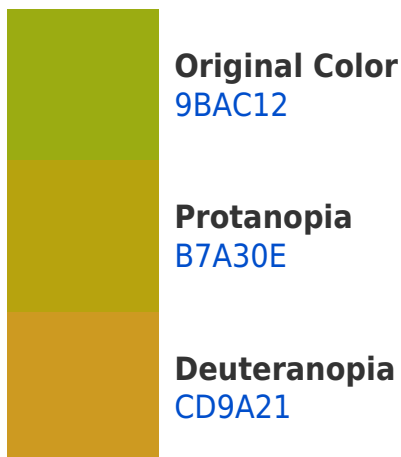


This preview shows how white text looks on a background with the Hex color 9BAC12.

# Color Blindness Simulation

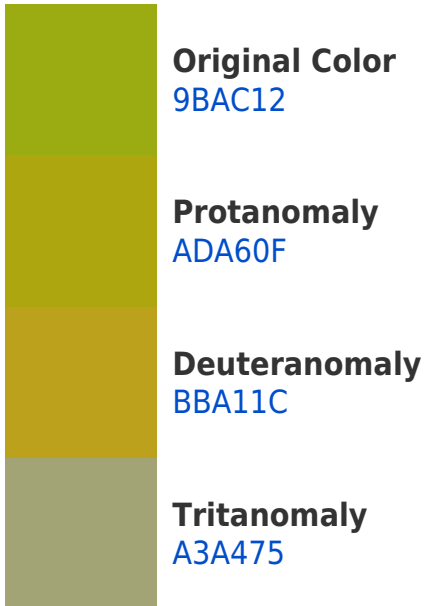
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

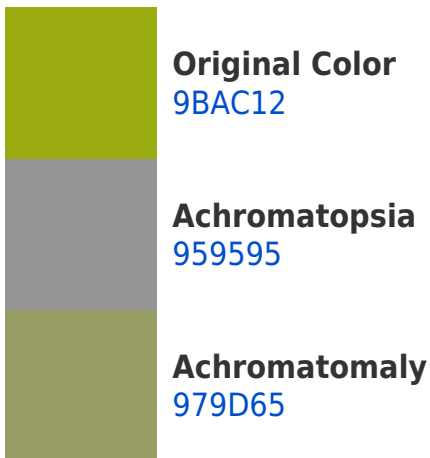




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BAC12 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 #9BAC12 looks like.

```
.text, #text, p{  
    color:#9BAC12  
}
```

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 #9BAC12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BAC12
}
```

## Border

The CSS property to change the border of an element to Hex 9BAC12 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
#9BAC12 }
```

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

```
.border{ border-color:#9BAC12 }
```

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

Here you see how a box with a 4 pixel #9BAC12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BAC12; -webkit-box-shadow:4px 4px  
4px 4px #9BAC12; box-shadow:4px 4px 4px  
4px #9BAC12 }
```

# Background

The CSS property to change the background color of an element to Hex 9BAC12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BAC12 }
```

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

```
.background{ background-color:#9BAC12 }
```

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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