

# Converting Colors

Hex(9CB122)

Have a look what the booklet for  
Hex(9CB122) contains.

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**Color**

**Hex(9CB122)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CB122
RGB	156, 177, 34
RGB Percent	61%, 69%, 13%
CMY	0.3882, 0.3059, 0.8667
CMYK	0.12, 0.00, 0.81, 0.31
HSL	69°, 68%, 41%
HSV	69°, 81%, 69%
XYZ	29.7212, 38.6277, 7.4028
YIQ	154.4190, 33.3870, -48.9250

# Conversions

## Conversions Part 2

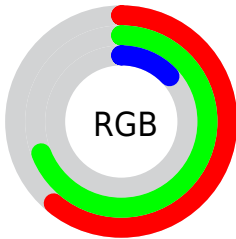
Format	Color
<a href="#">RYB</a>	<a href="#">34, 177, 55</a>
Decimal	<a href="#">10268962</a>
CIELab	<a href="#">68.48, -24.77, 64.03</a>
CIELCh	<a href="#">68, 68.651, 111.147</a>
Yxy	<a href="#">38.6277, 0.3924, 0.5099</a>
Android (android.graphics.Color)	<a href="#">4288459042</a> ( <a href="#">0xFF9CB122</a> )
YUV	<a href="#">154.4190, -59.3666, 1.3865</a>
Hunter-Lab	<a href="#">62.1512, -23.4045, 36.4438</a>

# Details

The Hex color **9CB122** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3722B1**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D6E95D**, and **647C00** is the 20% darker color. If you saturate the color by 10%, you get **99B110**, and if you desaturate by 10%, it is **9FB134**.

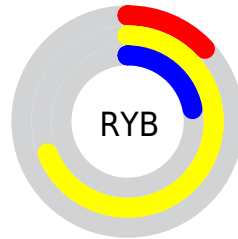
# Distribution



Red (61%)

Green (69%)

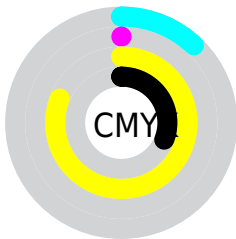
Blue (13%)



Red (13%)

Yellow (69%)

Blue (22%)

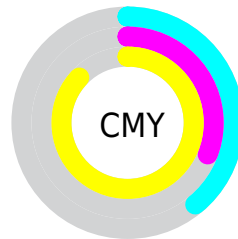


Cyan (12%)

Magenta (0%)

Yellow (81%)

Black (31%)



Cyan (39%)

Magenta (31%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CB122 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 9CB122 by changing the saturation by 10% instead.





9CB122



9CB122

FFFFFF



809600



D6E95D



647C00



F3FF78



4A6400



FFFF94



2F4C00



FFFFB0



133500



FFFFCD



002100



FFFEEA



000000



9CB122



9CB122



99B110



9FB134

■ 97B100

■ A1B145

■ A4B157

■ A6B169

■ A9B17B

■ ACB18C

■ AEB19E

■ B1B1B0

■ B3B1C1

# Harmonies

## Analogous

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



D69E1C



9CB122



4CBD54

# Triad

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



9CB122



00C0FF



FF6DBC

# Complementary

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



9CB122



3722B1

# 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.



E083F6



9CB122



00B4FF

# Square

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



9CB122



00C4D2



849EFF



FF6E7E

# Rectangle

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



9CB122



00C27D



849EFF



FF72D1



# Sweetspot

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



9CB122



DDE6AE



B13522



6E7351



F2F2F2



737373



# Same Dimension

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



9CB122



C5E607



56B122



585950



839900



161A00



# Inverse Universe

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



3722B1



2807E6



7D22B1



525059



160099



04001A



# Previews

## White Background



This preview shows how the Hex color 9CB122 looks on a white background.

## Color Contrast Check

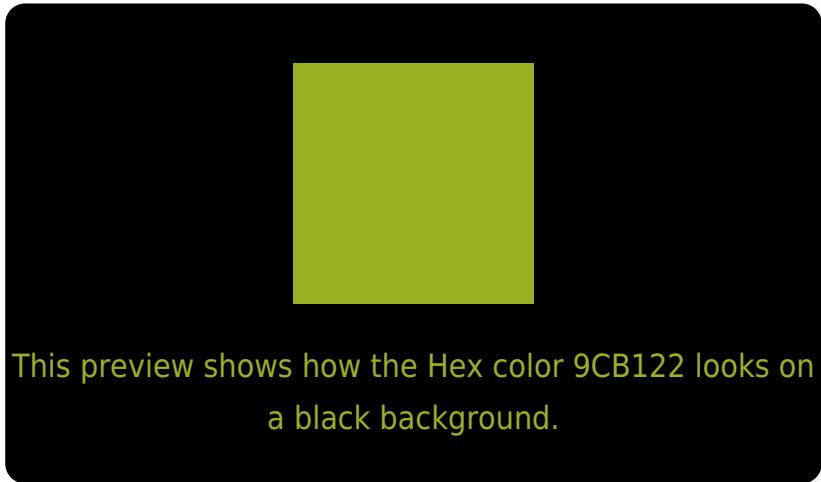
Large Text (above 18pt) WCAG AA × Fail

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 9CB122 Background



This preview shows how black text looks on a background with the Hex color 9CB122.



This preview shows how white text looks on a background with the Hex color 9CB122.

# 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**  
9CB122

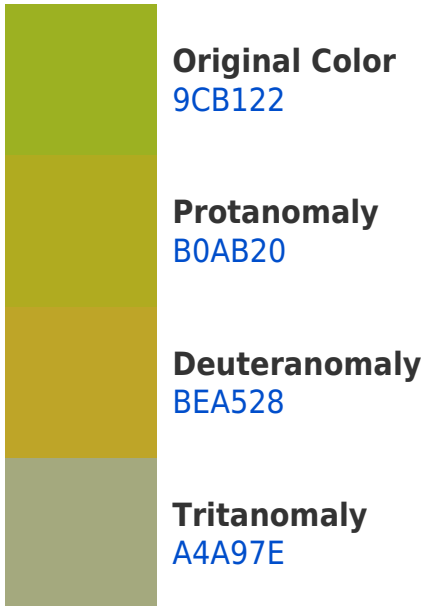
**Protanopia**  
BCA71F

**Deuteranopia**  
D19E2C



**Tritanopia**  
A9A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CB122 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 #9CB122 looks like.

```
.text, #text, p{  
    color:#9CB122  
}
```

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 #9CB122 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CB122
}
```

## Border

The CSS property to change the border of an element to Hex 9CB122 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
#9CB122 }
```

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

```
.border{ border-color:#9CB122 }
```

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

Here you see how a box with a 4 pixel #9CB122 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CB122; -webkit-box-shadow:4px 4px  
4px 4px #9CB122; box-shadow:4px 4px 4px  
4px #9CB122 }
```

# Background

The CSS property to change the background color of an element to Hex 9CB122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CB122 }
```

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

```
.background{ background-color:#9CB122 }
```

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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