

# Converting Colors

Hex(9CBB5B)

Have a look what the booklet for  
Hex(9CBB5B) contains.

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# **Color**

**Hex(9CBB5B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CBB5B
RGB	156, 187, 91
RGB Percent	61%, 73%, 36%
CMY	0.3882, 0.2667, 0.6431
CMYK	0.17, 0.00, 0.51, 0.27
HSL	79°, 41%, 55%
HSV	79°, 51%, 73%
XYZ	33.3690, 43.3639, 16.5089
YIQ	166.7870, 12.3400, -36.4280

# Conversions

## Conversions Part 2

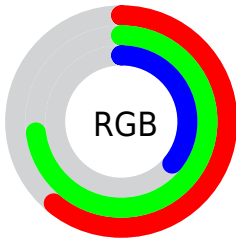
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 187, 122
Decimal	10271579
CIELab	71.80, -25.73, 44.73
CIElCh	72, 51.605, 119.904
Yxy	43.3639, 0.3579, 0.4651
Android (android.graphics.Color)	4288461659 (0xFF9CBB5B)
YUV	166.7870, -37.3630, -9.4602
Hunter-Lab	65.8513, -24.7880, 31.2319

# Details

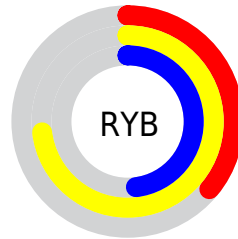
The Hex color **9CBB5B** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7A5BBB**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **D4F38F**, and **668628** is the 20% darker color. If you saturate the color by 10%, you get **96BB48**, and if you desaturate by 10%, it is **A2BB6E**.

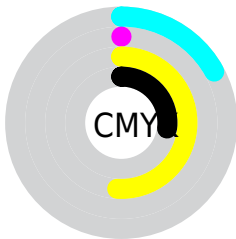
# Distribution



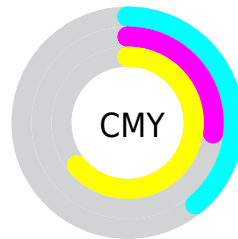
- Red (61%)
- Green (73%)
- Blue (36%)



- Red (36%)
- Yellow (73%)
- Blue (48%)



- Cyan (17%)
- Magenta (0%)
- Yellow (51%)
- Black (27%)



- Cyan (39%)
- Magenta (27%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CBB5B 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 9CBB5B by changing the saturation by 10% instead.





9CBB5B



9CBB5B

FFFFFF



81A042



D4F38F



668628



F1FFAB



4D6C0B



FFFFC6



335400



FFFFE3



1A3C00



002700



000C00



000000



9CBB5B



9CBB5B

 96BB48

 A2BB6E

 90BB36

 A8BB80

 8ABB23

 AEBB93

 84BB10

 B4BBA6

 7FBB00

 BABBB9

 C0BBCB

 C6BBDE

 CCBBF1

 D2BBFF

# Harmonies

## Analogous

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



CCAD4F



9CBB5B



60C47F

# Triad

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



9CBB5B



00C1FF



FF88B2

# Complementary

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



9CBB5B



7A5BBB

# 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.



EA92E0



9CBB5B



59B5FF

# Square

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



9CBB5B



00C7DD



B3A4FF



FF8D84

# Rectangle

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



9CBB5B



0EC79E



B3A4FF



FF8AC2



# Sweetspot

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



9CBB5B



E7F2CE



BB795B



737A64



FAFAFA



7A7A7A



# Same Dimension

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



9CBB5B



C2F25C



6DBB5B



5B5E55



6B9E00



151F00



# Inverse Universe

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



7A5BBB



8D5CF2



A95BBB



58555E



33009E



0A001F



# Previews

## White Background



This preview shows how the Hex color 9CBB5B looks on a white background.

## Color Contrast Check

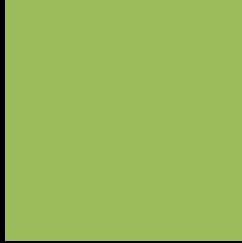
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 9CBB5B looks on a 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 9CBB5B Background



This preview shows how black text looks on a background with the Hex color 9CBB5B.

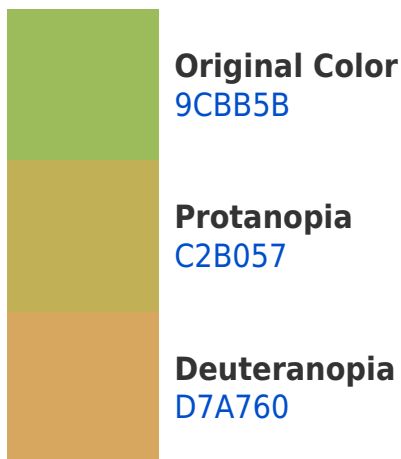


This preview shows how white text looks on a background with the Hex color 9CBB5B.

# Color Blindness Simulation

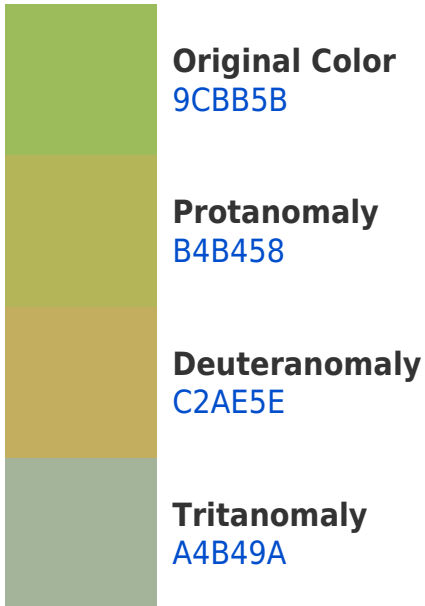
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CBB5B 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 #9CBB5B looks like.

```
.text, #text, p{  
    color:#9CBB5B  
}
```

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 #9CBB5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CBB5B
}
```

## Border

The CSS property to change the border of an element to Hex 9CBB5B 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
#9CBB5B }
```

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

```
.border{ border-color:#9CBB5B }
```

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

Here you see how a box with a 4 pixel #9CBB5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CBB5B; -webkit-box-shadow:4px 4px  
4px 4px #9CBB5B; box-shadow:4px 4px 4px  
4px #9CBB5B }
```

# Background

The CSS property to change the background color of an element to Hex 9CBB5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CBB5B }
```

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

```
.background{ background-color:#9CBB5B }
```

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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