

# Converting Colors

Hex(9BC16B)

Have a look what the booklet for  
Hex(9BC16B) contains.

<b>Hex(9BC16B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(9BC16B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BC16B
RGB	155, 193, 107
RGB Percent	61%, 76%, 42%
CMY	0.3922, 0.2431, 0.5804
CMYK	0.20, 0.00, 0.45, 0.24
HSL	87°, 41%, 59%
HSV	87°, 45%, 76%
XYZ	35.2414, 46.1700, 20.9642
YIQ	171.8340, 4.9580, -34.8020

# Conversions

## Conversions Part 2

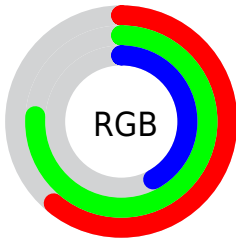
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 193, 145
Decimal	10207595
CIELab	73.66, -27.24, 39.09
CIELCh	74, 47.647, 124.873
Yxy	46.1700, 0.3442, 0.4510
Android (android.graphics.Color)	4288397675 (0xFF9BC16B)
YUV	171.8340, -31.9632, -14.7634
Hunter-Lab	67.9485, -26.3312, 29.2712

# Details

The Hex color **9BC16B** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **916BC1**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **D3FAA0**, and **668B39** is the 20% darker color. If you saturate the color by 10%, you get **92C158**, and if you desaturate by 10%, it is **A4C17E**.

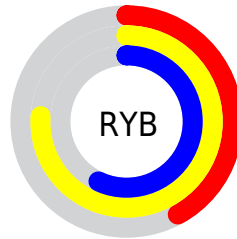
# Distribution



Red (61%)

Green (76%)

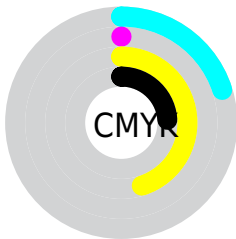
Blue (42%)



Red (42%)

Yellow (76%)

Blue (57%)

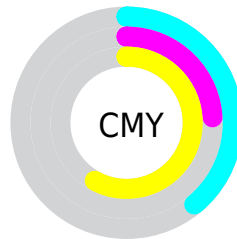


Cyan (20%)

Magenta (0%)

Yellow (45%)

Black (24%)



Cyan (39%)

Magenta (24%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BC16B 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 9BC16B by changing the saturation by 10% instead.



 9BC16B

 9BC16B

FFFFFF

 80A652

 D3FAA0

 668B39

 F0FFBB

 4C7220

 FFFFD7

 335904

 FFFFF4

 1B4100

 002B00

 001500

 000000

 9BC16B

 9BC16B

 92C158

 A4C17E

 8AC144

 ACC192

 81C131

 B5C1A5

 79C11E

 BDC1B8

 70C10B

 C6C1CB

 6CC100

 CEC1DF

 D7C1F2

 DFC1FF

 E8C1FF

# Harmonies

## Analogous

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



C9B55C



9BC16B



62C98E

# Triad

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



9BC16B



00C3FF



FF91AF

# Complementary

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



9BC16B



916BC1

# 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.



F198DB



9BC16B



7BB7FF

# Square

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



9BC16B



00CAE6



C2A7FD



FF9785

# Rectangle

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



9BC16B



26CBAC



C2A7FD



FF92BE

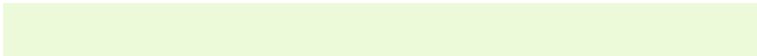


# Sweetspot

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



9BC16B



ECFAD9



C1906B



747D69



FCFCFC



7D7D7D

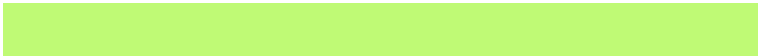


# Same Dimension

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



9BC16B



BFFA75



71C16B



5D6157



5AA100



132100



# Inverse Universe

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



916BC1



B075FA



BB6BC1



5B5761



4700A1



0F0021



# Previews

## White Background



This preview shows how the Hex color 9BC16B looks on a white background.

## Color Contrast Check

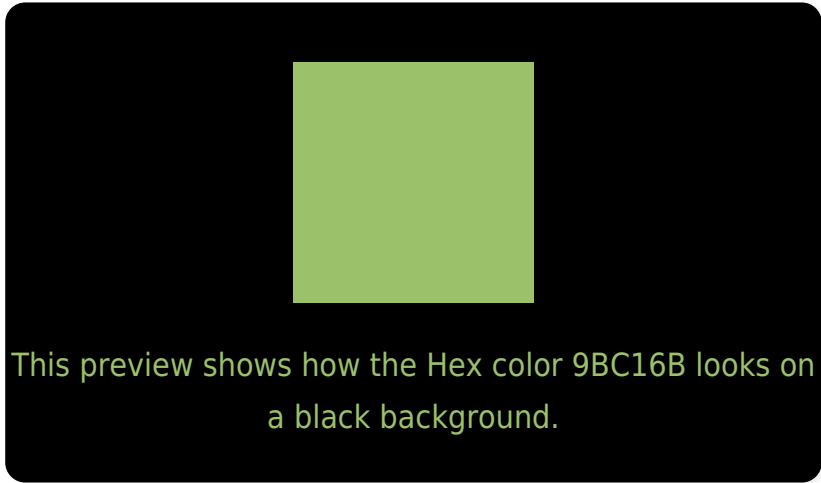
Large Text (above 18pt) WCAG AA × Fail

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

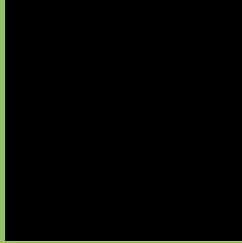
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BC16B Background



This preview shows how black text looks on a background with the Hex color 9BC16B.

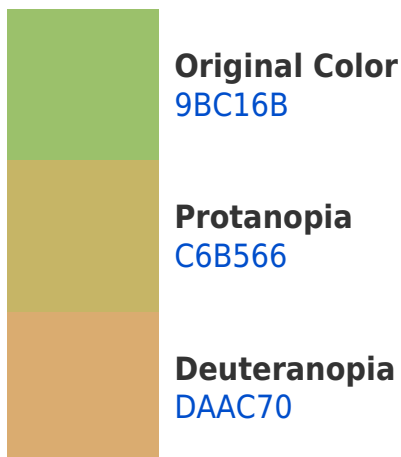


This preview shows how white text looks on a background with the Hex color 9BC16B.

# 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



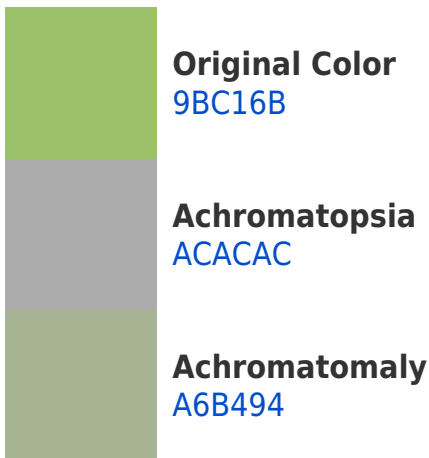


**Tritanopia**  
A8B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BC16B 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 #9BC16B looks like.

```
.text, #text, p{  
    color:#9BC16B  
}
```

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 #9BC16B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BC16B
}
```

## Border

The CSS property to change the border of an element to Hex 9BC16B 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
#9BC16B }
```

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

```
.border{ border-color:#9BC16B }
```

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

Here you see how a box with a 4 pixel #9BC16B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BC16B; -webkit-box-shadow:4px 4px  
4px 4px #9BC16B; box-shadow:4px 4px 4px  
4px #9BC16B }
```

# Background

The CSS property to change the background color of an element to Hex 9BC16B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BC16B }
```

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

```
.background{ background-color:#9BC16B }
```

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