

# Converting Colors

Hex(9BCC3A)

Have a look what the booklet for  
Hex(9BCC3A) contains.

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**Color**

**Hex(9BCC3A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BCC3A
RGB	155, 204, 58
RGB Percent	61%, 80%, 23%
CMY	0.3922, 0.2000, 0.7725
CMYK	0.24, 0.00, 0.72, 0.20
HSL	80°, 59%, 51%
HSV	80°, 72%, 80%
XYZ	35.8742, 50.4598, 11.8519
YIQ	172.7050, 17.6620, -55.7940

# Conversions

## Conversions Part 2

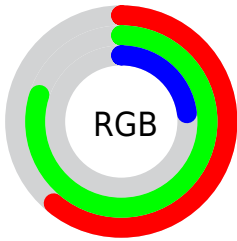
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 204, 107
Decimal	10210362
CIELab	76.35, -36.72, 63.73
CIELCh	76, 73.554, 119.950
Yxy	50.4598, 0.3654, 0.5139
Android (android.graphics.Color)	4288400442 (0xFF9BCC3A)
YUV	172.7050, -56.5496, -15.5273
Hunter-Lab	71.0350, -34.1652, 39.8322

# Details

The Hex color **9BCC3A** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **6B3ACC**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **D5FF72**, and **639600** is the 20% darker color. If you saturate the color by 10%, you get **94CC26**, and if you desaturate by 10%, it is **A2CC4E**.

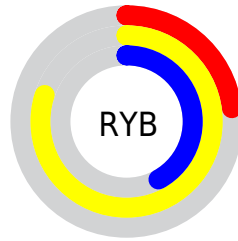
# Distribution



Red (61%)

Green (80%)

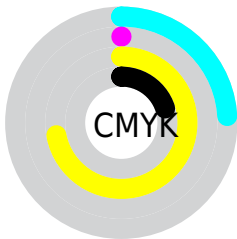
Blue (23%)



Red (23%)

Yellow (80%)

Blue (42%)

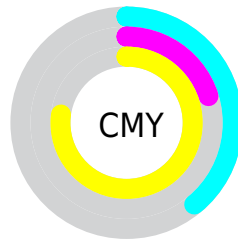


Cyan (24%)

Magenta (0%)

Yellow (72%)

Black (20%)



Cyan (39%)

Magenta (20%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BCC3A 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 9BCC3A by changing the saturation by 10% instead.





9BCC3A



9BCC3A

FFFFFF



7FB019



D5FF72



639600



F2FF8E



477B00



FFFFAA



2C6200



FFFFC6



054A00



FFFFE3



003300



001E00



000000



9BCC3A



9BCC3A

 94CC26

 A2CC4E

 8DCC11

 A9CC63

 88CC00

 B0CC77

 B6CC8C

 BDCCA0

 C4CCB4

 CBCCC9

 D2CCDD

 D9CCF2

# Harmonies

## Analogous

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



DFB920



9BCC3A



28D775

# Triad

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



9BCC3A



00D4FF



FF7BBF

# Complementary

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



9BCC3A



6B3ACC

# 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.



FF8CFF



9BCC3A



00C4FF

# Square

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



9BCC3A



00DCFE



BBAAFF



FF847C

# Rectangle

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



9BCC3A



00DBA2



BBAAFF



FF7ED6



# Sweetspot

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



9BCC3A



EDFFC9



CC6B3A



758060



000000



808080



# Same Dimension

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



9BCC3A



B5FF24



52CC3A



63665C



6EA600



192600



# Inverse Universe

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



6B3ACC



6D24FF



B43ACC



5F5C66



3800A6



0D0026



# Previews

## White Background



This preview shows how the Hex color 9BCC3A looks on a white background.

## Color Contrast Check

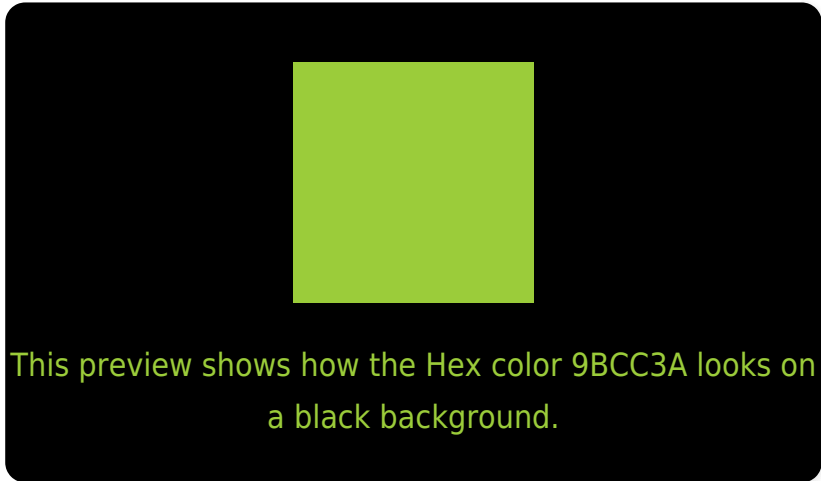
Large Text (above 18pt) WCAG AA × Fail

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 9BCC3A Background



This preview shows how black text looks on a background with the Hex color 9BCC3A.

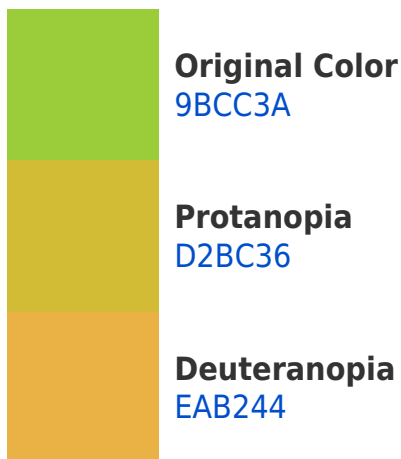


This preview shows how white text looks on a background with the Hex color 9BCC3A.

# 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



**Original Color**  
9BCC3A



**Protanomaly**  
BEC237



**Deuteranomaly**  
CDBB40

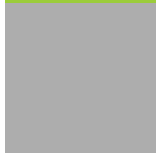


**Tritanomaly**  
A6C398

# Monochromacy



**Original Color**  
9BCC3A



**Achromatopsia**  
ADADAD



**Achromatomaly**  
A6B883

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BCC3A 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 #9BCC3A looks like.

```
.text, #text, p{  
    color:#9BCC3A  
}
```

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 #9BCC3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BCC3A
}
```

## Border

The CSS property to change the border of an element to Hex 9BCC3A 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
#9BCC3A }
```

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

```
.border{ border-color:#9BCC3A }
```

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

Here you see how a box with a 4 pixel #9BCC3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BCC3A; -webkit-box-shadow:4px 4px  
4px 4px #9BCC3A; box-shadow:4px 4px 4px  
4px #9BCC3A }
```

# Background

The CSS property to change the background color of an element to Hex 9BCC3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BCC3A }
```

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

```
.background{ background-color:#9BCC3A }
```

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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