

# Converting Colors

Hex(9BC200)

Have a look what the booklet for  
Hex(9BC200) contains.

<b>Hex(9BC200)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9BC200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BC200
RGB	155, 194, 0
RGB Percent	61%, 76%, 0%
CMY	0.3922, 0.2392, 1.0000
CMYK	0.20, 0.00, 1.00, 0.24
HSL	72°, 100%, 38%
HSV	72°, 100%, 76%
XYZ	32.8094, 45.5521, 7.0632
YIQ	160.2230, 39.0300, -68.6020

# Conversions

## Conversions Part 2

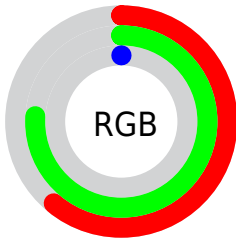
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 194, 39
Decimal	10207744
CIELab	73.25, -33.97, 73.53
CIELCh	73, 80.994, 114.799
Yxy	45.5521, 0.3841, 0.5332
Android (android.graphics.Color)	4288397824 (0xFF9BC200)
YUV	160.2230, -78.9899, -4.5806
Hunter-Lab	67.4923, -31.3392, 41.0398

# Details

The Hex color **9BC200** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **2700C2**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D5FB51**, and **628C00** is the 20% darker color. If you saturate the color by 10%, you get **9BC200**, and if you desaturate by 10%, it is **9FC213**.

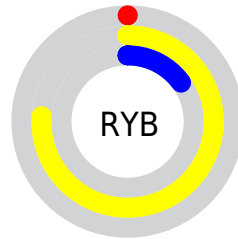
# Distribution



Red (61%)

Green (76%)

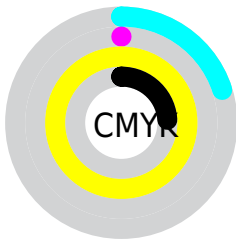
Blue (0%)



Red (0%)

Yellow (76%)

Blue (15%)

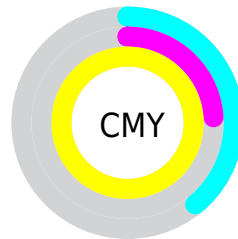


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (24%)



Cyan (39%)

Magenta (24%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BC200 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 9BC200 by changing the saturation by 10% instead.



 9BC200

 9BC200

FFFFFF

 7EA700

 D5FB51

 628C00

 F3FF6E

 477300

 FFFF8B

 295A00

 FFFFA7

 044200

 FFFFC4

 002B00

 FFFFE2

 001400

 000000

 9BC200

 9FC213

 A3C227

 A7C23A

 ABC24E

 AEC261

 B2C274

 B6C288

 BAC29B

 BEC2AF

# Harmonies

## Analogous

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



E2AC00



9BC200



1DCF58

# Triad

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



9BC200



00D0FF



FF67C4

# Complementary

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



9BC200



2700C2

# 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.



FF82FF



9BC200



00C1FF

# Square

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



9BC200



00D6F0



97A6FF



FF6E7A

# Rectangle

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



9BC200



00D48A



97A6FF



FF6DDD



# Sweetspot

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



9BC200



EDFCB1



C22700



768052



000000



808080



# Same Dimension

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



9BC200



CAFC00



3AC200



5F6157



80A100



1A2100



# Inverse Universe

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



2700C2



3300FC



8800C2



595761



2000A1



070021



# Previews

## White Background



This preview shows how the Hex color 9BC200 looks on a white background.

## Color Contrast Check

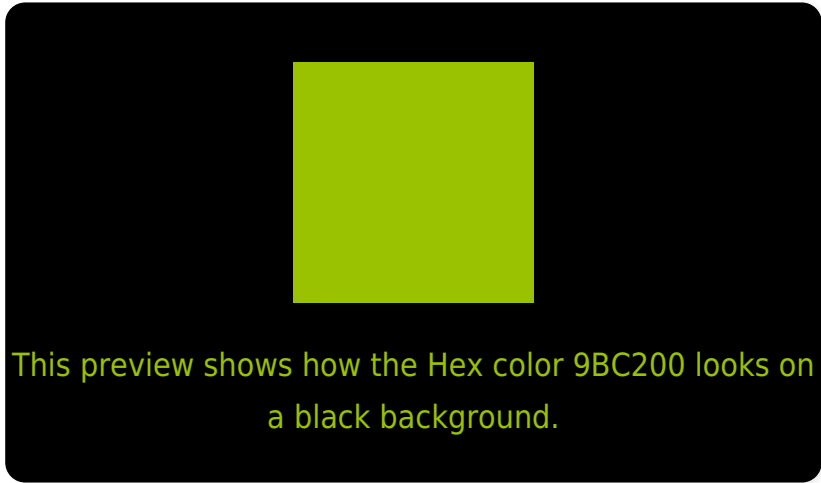
Large Text (above 18pt) WCAG AA × Fail

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 9BC200 Background



This preview shows how black text looks on a background with the Hex color 9BC200.



This preview shows how white text looks on a background with the Hex color 9BC200.

# 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



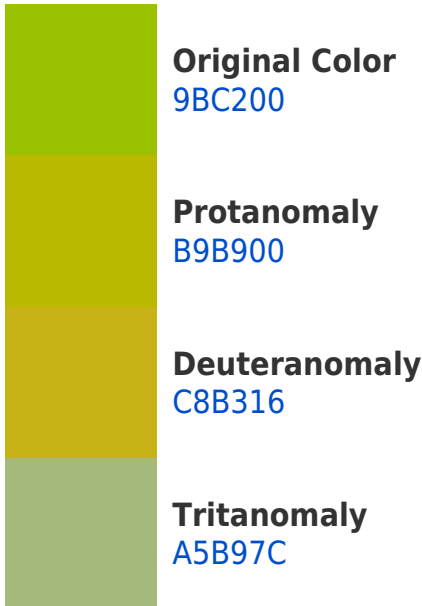
**Original Color**  
9BC200

**Protanopia**  
CAB400

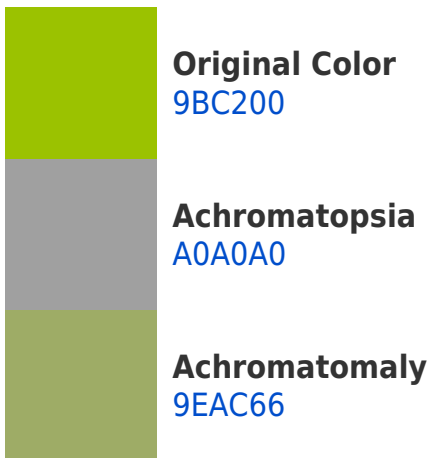
**Deuteranopia**  
E2AA23



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BC200 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 #9BC200 looks like.

```
.text, #text, p{  
    color:#9BC200  
}
```

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 #9BC200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BC200
}
```

## Border

The CSS property to change the border of an element to Hex 9BC200 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
#9BC200 }
```

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

```
.border{ border-color:#9BC200 }
```

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

Here you see how a box with a 4 pixel #9BC200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BC200; -webkit-box-shadow:4px 4px  
4px 4px #9BC200; box-shadow:4px 4px 4px  
4px #9BC200 }
```

# Background

The CSS property to change the background color of an element to Hex 9BC200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BC200 }
```

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

```
.background{ background-color:#9BC200 }
```

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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