

Converting Colors

Hex(9BB35C)

Have a look what the booklet for
Hex(9BB35C) contains.

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Color

Hex(9BB35C)

Conversions

Conversions Part 1

Format	Color
Hex	9BB35C
RGB	155, 179, 92
RGB Percent	61%, 70%, 36%
CMY	0.3922, 0.2980, 0.6392
CMYK	0.13, 0.00, 0.49, 0.30
HSL	77°, 36%, 53%
HSV	77°, 49%, 70%
XYZ	31.5694, 39.9815, 16.1785
YIQ	161.9060, 13.6230, -32.1450

Conversions

Conversions Part 2

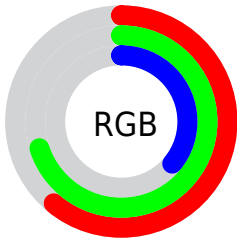
Format	Color
RYB	92, 179, 116
Decimal	10203996
CIELab	69.46, -22.08, 41.41
CIELCh	69, 46.926, 118.066
Yxy	39.9815, 0.3599, 0.4557
Android (android.graphics.Color)	4288394076 (0xFF9BB35C)
YUV	161.9060, -34.4637, -6.0566
Hunter-Lab	63.2309, -21.5340, 29.0914

Details

The Hex color **9BB35C** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **745CB3**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **D3EB90**, and **667E2A** is the 20% darker color. If you saturate the color by 10%, you get **96B34A**, and if you desaturate by 10%, it is **A0B36E**.

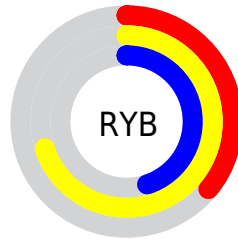
Distribution



Red (61%)

Green (70%)

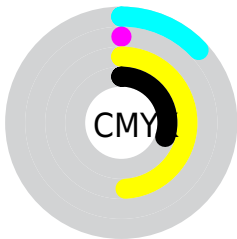
Blue (36%)



Red (36%)

Yellow (70%)

Blue (45%)

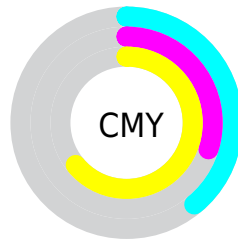


Cyan (13%)

Magenta (0%)

Yellow (49%)

Black (30%)



Cyan (39%)

Magenta (30%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BB35C 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 9BB35C by changing the saturation by 10% instead.

 9BB35C

 9BB35C

FFFFFF

 809843

 D3EB90

 667E2A

 F0FFAB

 4C650F

 FFFFC7

 334D00

 FFFFE3

 1B3600

 002100

 000000

 9BB35C

 9BB35C

 96B34A

 A0B36E

 91B338

 A5B380

 8CB326

 AAB392

 87B314

 AFB3A4

 82B303

 B4B3B6

 82B300

 B9B3C7

 BEB3D9

 C3B3EB

 C7B3FD

Harmonies

Analogous

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



C6A653



9BB35C



67BB7B

Triad

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



9BB35C



00BAF1



F687AE

Complementary

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



9BB35C



745CB3

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.



DC90D7



9BB35C



5BAFFE

Square

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



9BB35C



00BFD0



A9A0F5



F98A84

Rectangle

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



9BB35C



34BE97



A9A0F5



F088BC

Sweetspot

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



9BB35C



DEE8C5



B3735C



6F7560



F5F5F5



757575

Same Dimension

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



9BB35C



C3E861



70B35C



575950



6F9900



121A00

Inverse Universe

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



745CB3



8761E8



9F5CB3



535059



2A0099



07001A

Previews

White Background



This preview shows how the Hex color 9BB35C looks on a white background.

Color Contrast Check

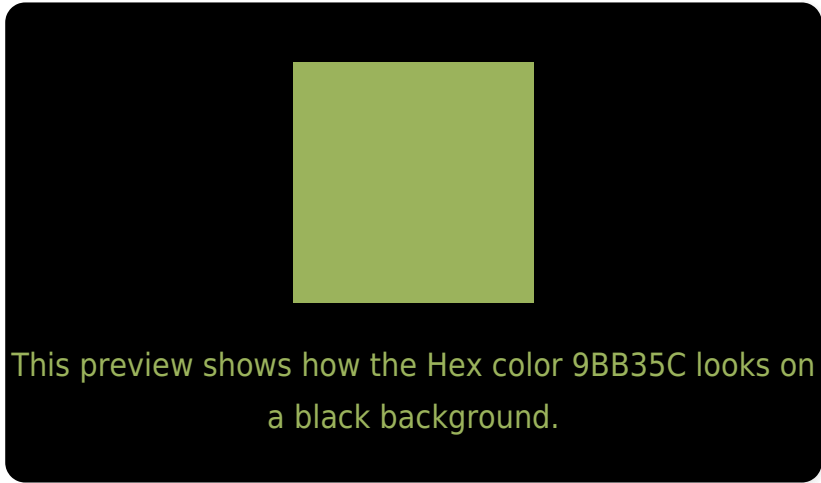
Large Text (above 18pt) WCAG AA × Fail

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 9BB35C Background



This preview shows how black text looks on a background with the Hex color 9BB35C.

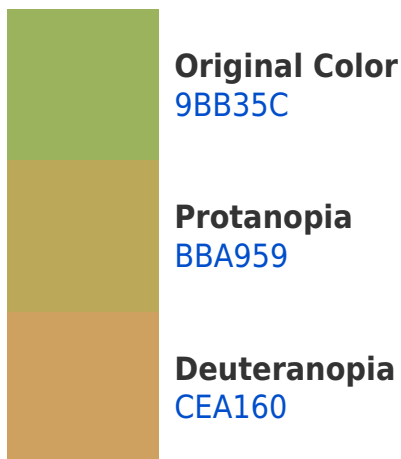


This preview shows how white text looks on a background with the Hex color 9BB35C.

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](#).

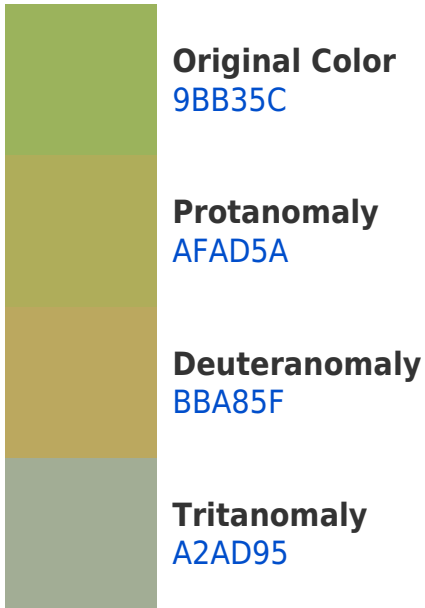
Dichromacy



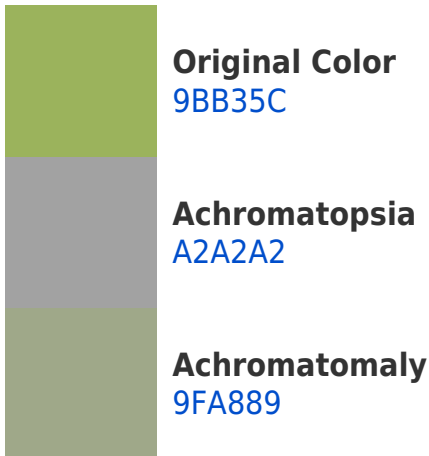


Tritanopia
A6A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BB35C 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 #9BB35C looks like.

```
.text, #text, p{  
    color:#9BB35C  
}
```

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 #9BB35C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BB35C
}
```

Border

The CSS property to change the border of an element to Hex 9BB35C 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
#9BB35C }
```

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

```
.border{ border-color:#9BB35C }
```

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

Here you see how a box with a 4 pixel #9BB35C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BB35C; -webkit-box-shadow:4px 4px  
4px 4px #9BB35C; box-shadow:4px 4px 4px  
4px #9BB35C }
```

Background

The CSS property to change the background color of an element to Hex 9BB35C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BB35C }
```

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

```
.background{ background-color:#9BB35C }
```

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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