

Converting Colors

Hex(9BB700)

Have a look what the booklet for
Hex(9BB700) contains.

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Color

Hex(9BB700)

Conversions

Conversions Part 1

Format	Color
Hex	9BB700
RGB	155, 183, 0
RGB Percent	61%, 72%, 0%
CMY	0.3922, 0.2824, 1.0000
CMYK	0.15, 0.00, 1.00, 0.28
HSL	69°, 100%, 36%
HSV	69°, 100%, 72%
XYZ	30.4511, 40.8355, 6.2771
YIQ	153.7660, 42.0550, -62.8490

Conversions

Conversions Part 2

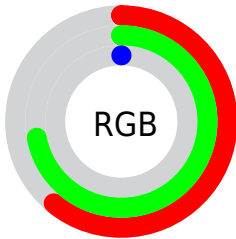
Format	Color
RYB	0, 183, 28
Decimal	10204928
CIELab	70.06, -28.82, 71.12
CIELCh	70, 76.737, 112.060
Yxy	40.8355, 0.3926, 0.5265
Android (android.graphics.Color)	4288395008 (0xFF9BB700)
YUV	153.7660, -75.8066, 1.0822
Hunter-Lab	63.9027, -26.7705, 38.9079

Details

The Hex color **9BB700** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **1C00B7**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D5EF4F**, and **638200** is the 20% darker color. If you saturate the color by 10%, you get **9BB700**, and if you desaturate by 10%, it is **9EB712**.

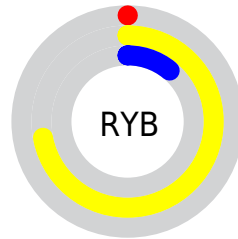
Distribution



Red (61%)

Green (72%)

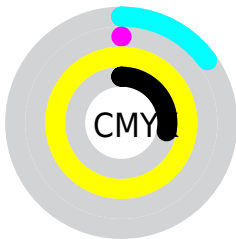
Blue (0%)



Red (0%)

Yellow (72%)

Blue (11%)

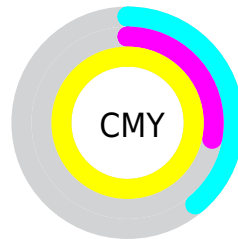


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (39%)

Magenta (28%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BB700 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 9BB700 by changing the saturation by 10% instead.

 9BB700

 9BB700

FFFFFF

 7F9C00

 D5EF4F

 638200

 F3FF6C

 486900

 FFFF88

 2B5100

 FFFFA4

 0C3900

 FFFFC1

 002400

 FFFFDE

 000000

 FFFFFC

 9BB700

 9EB712

 A1B725

 A3B737

 A6B749

 A9B75C

 ACB76E

 AFB780

 B1B792

 B4B7A5

Harmonies

Analogous

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



DCA200



9BB700



38C44F

Triad

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



9BB700



00C6FF



FF65C1

Complementary

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



9BB700



1C00B7

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.



ED80FF



9BB700



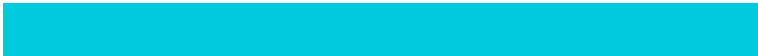
00B9FF

Square

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



9BB700



00CBDE



84A1FF



FF687B

Rectangle

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



9BB700



00C97E



84A1FF



FF6CD8

Sweetspot

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



9BB700



E2EDA6



B71B00



71784D



F7F7F7



787878

Same Dimension

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



9BB700



C9ED00



40B700



5A5C53



849C00



181C00

Inverse Universe

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



1C00B7



2400ED



7700B7



54535C



18009C



04001C

Previews

White Background



This preview shows how the Hex color 9BB700 looks on a white background.

Color Contrast Check

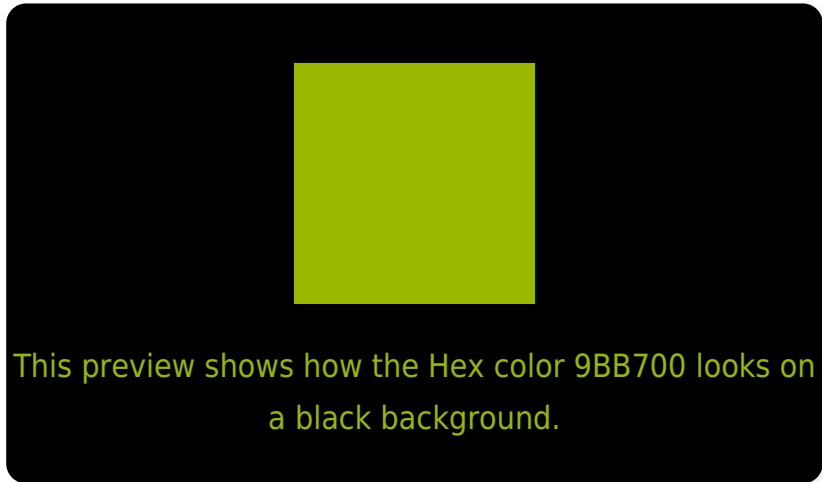
Large Text (above 18pt) WCAG AA × Fail

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 9BB700 Background



This preview shows how black text looks on a background with the Hex color 9BB700.



This preview shows how white text looks on a background with the Hex color 9BB700.

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
9BB700

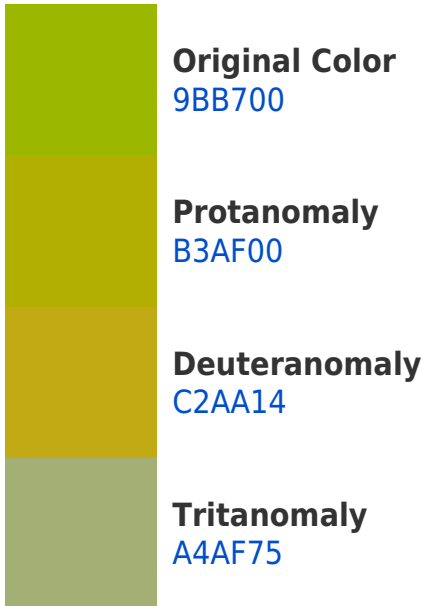
Protanopia
C1AB00

Deuteranopia
D8A220

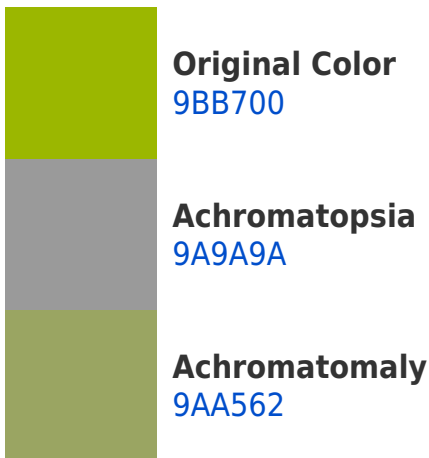


Tritanopia
A9AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BB700 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 #9BB700 looks like.

```
.text, #text, p{  
    color:#9BB700  
}
```

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 #9BB700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BB700
}
```

Border

The CSS property to change the border of an element to Hex 9BB700 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
#9BB700 }
```

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

```
.border{ border-color:#9BB700 }
```

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

Here you see how a box with a 4 pixel #9BB700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BB700; -webkit-box-shadow:4px 4px  
4px 4px #9BB700; box-shadow:4px 4px 4px  
4px #9BB700 }
```

Background

The CSS property to change the background color of an element to Hex 9BB700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BB700 }
```

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

```
.background{ background-color:#9BB700 }
```

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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