

Converting Colors

Hex(9CBB1B)

Have a look what the booklet for
Hex(9CBB1B) contains.

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Color

Hex(9CBB1B)

Conversions

Conversions Part 1

Format	Color
Hex	9CBB1B
RGB	156, 187, 27
RGB Percent	61%, 73%, 11%
CMY	0.3882, 0.2667, 0.8941
CMYK	0.17, 0.00, 0.86, 0.27
HSL	72°, 75%, 42%
HSV	72°, 86%, 73%
XYZ	31.6785, 42.6877, 7.6068
YIQ	159.4910, 32.8840, -56.3320

Conversions

Conversions Part 2

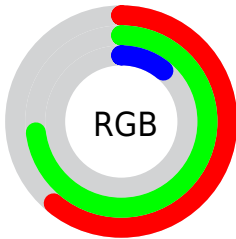
Format	Color
R _Y B	27, 187, 58
Decimal	10271515
CIE Lab	71.34, -29.81, 68.22
CIE LCh	71, 74.448, 113.604
Yxy	42.6877, 0.3864, 0.5208
Android (android.graphics.Color)	4288461595 (0xFF9CBB1B)
YUV	159.4910, -65.3181, -3.0616
Hunter-Lab	65.3358, -27.7909, 38.8321

Details

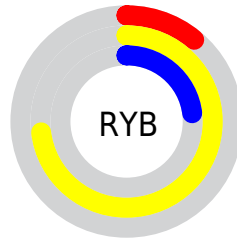
The Hex color **9CBB1B** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **3A1BBB**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D6F35A**, and **648600** is the 20% darker color. If you saturate the color by 10%, you get **98BB08**, and if you desaturate by 10%, it is **A0BB2E**.

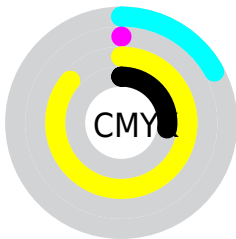
Distribution



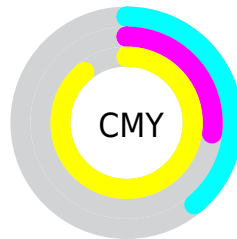
- Red (61%)
- Green (73%)
- Blue (11%)



- Red (11%)
- Yellow (73%)
- Blue (23%)



- Cyan (17%)
- Magenta (0%)
- Yellow (86%)
- Black (27%)



- Cyan (39%)
- Magenta (27%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CBB1B 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 9CBB1B by changing the saturation by 10% instead.

 9CBB1B

 9CBB1B

FFFFFF

 80A000

 D6F35A

 648600

 F4FF76

 496C00

 FFFF92

 2D5400

 FFFFFAE

 0E3D00

 FFFFFCB

 002700

 FFFFFE9

 000900

 000000

 9CBB1B

 9CBB1B

■ 98BB08

■ A0BB2E

■ 97BB00

■ A3BB40

■ A7BB53

■ AABB66

■ AEBB78

■ B2BB8B

■ B5BB9E

■ B9BBB1

■ BDBBC3

Harmonies

Analogous

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



DCA606



9CBB1B



3BC759

Triad

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



9CBB1B



00C9FF



FF6CC0

Complementary

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



9CBB1B



3A1BBB

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.



F284FF



9CBB1B



00BBFF

Square

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



9CBB1B



00CEE3



92A3FF



FF707D

Rectangle

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



9CBB1B



00CC86



92A3FF



FF72D7

Sweetspot

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



9CBB1B



E6F2B3



BB381B



737A54



FAFAFA



7A7A7A

Same Dimension

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



9CBB1B



C3F200



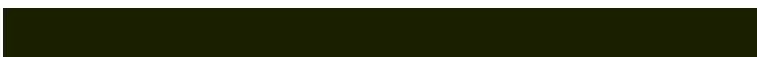
4EBB1B



5D5E55



7F9E00



191F00

Inverse Universe

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



3A1BBB



2F00F2



881BBB



57555E



1F009E



06001F

Previews

White Background



This preview shows how the Hex color 9CBB1B looks on a white background.

Color Contrast Check

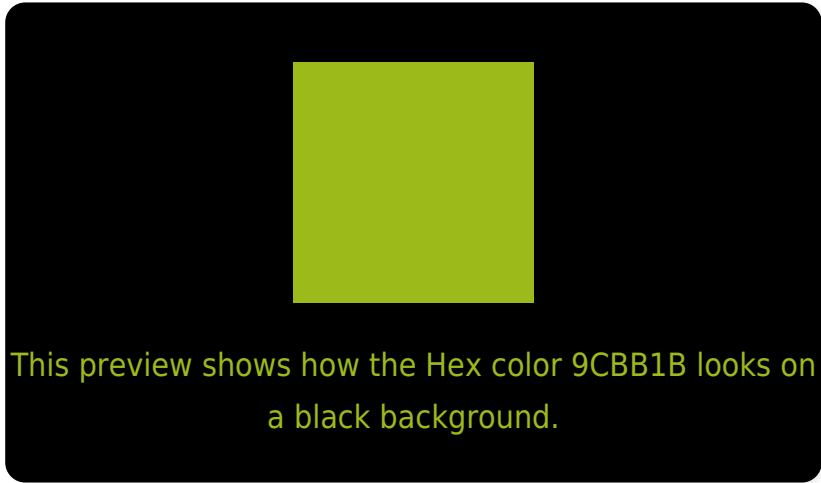
Large Text (above 18pt) WCAG AA × Fail

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 9CBB1B Background



This preview shows how black text looks on a background with the Hex color 9CBB1B.

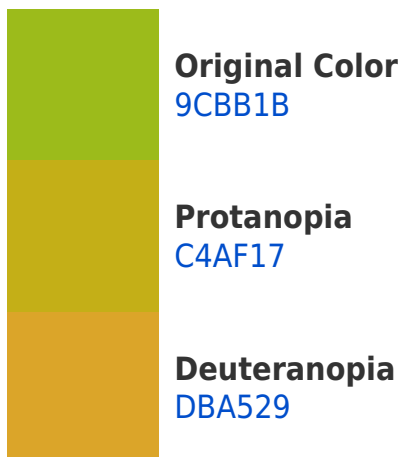


This preview shows how white text looks on a background with the Hex color 9CBB1B.

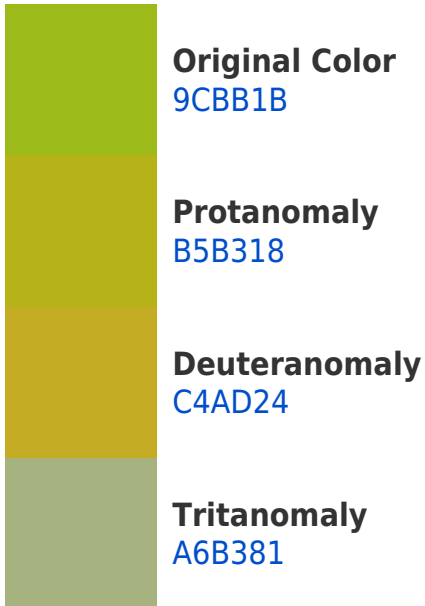
Color Blindness Simulation

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](#).

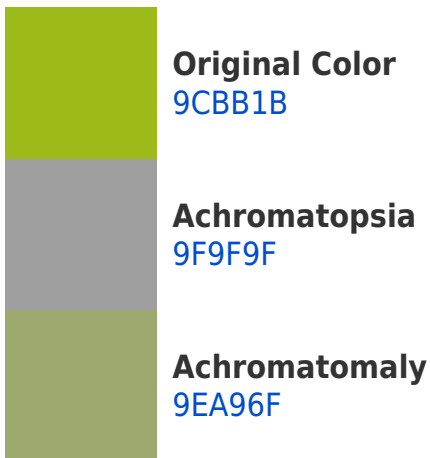
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CBB1B 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 #9CBB1B looks like.

```
.text, #text, p{  
    color:#9CBB1B  
}
```

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 #9CBB1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CBB1B
}
```

Border

The CSS property to change the border of an element to Hex 9CBB1B 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
#9CBB1B }
```

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

```
.border{ border-color:#9CBB1B }
```

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

Here you see how a box with a 4 pixel #9CBB1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CBB1B; -webkit-box-shadow:4px 4px  
4px 4px #9CBB1B; box-shadow:4px 4px 4px  
4px #9CBB1B }
```

Background

The CSS property to change the background color of an element to Hex 9CBB1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CBB1B }
```

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

```
.background{ background-color:#9CBB1B }
```

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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