

# Converting Colors

Hex(9CB700)

Have a look what the booklet for  
Hex(9CB700) contains.

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**Color**

**Hex(9CB700)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 9CB700                      |
| RGB         | 156, 183, 0                 |
| RGB Percent | 61%, 72%, 0%                |
| CMY         | 0.3882, 0.2824, 1.0000      |
| CMYK        | 0.15, 0.00, 1.00, 0.28      |
| HSL         | 69°, 100%, 36%              |
| HSV         | 69°, 100%, 72%              |
| XYZ         | 30.6438, 40.9349, 6.2861    |
| YIQ         | 154.0650, 42.6510, -62.6370 |

# Conversions

## Conversions Part 2

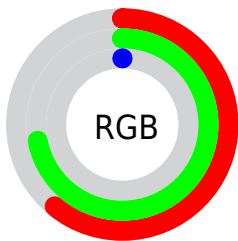
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 0, 183, 27                    |
| Decimal                             | 10270464                      |
| CIELab                              | 70.13, -28.40, 71.20          |
| CIELCh                              | 70, 76.657, 111.746           |
| Yxy                                 | 40.9349, 0.3936,<br>0.5257    |
| Android<br>(android.graphics.Color) | 4288460544<br>(0xFF9CB700)    |
| YUV                                 | 154.0650, -75.9540,<br>1.6970 |
| Hunter-Lab                          | 63.9804, -26.4720,<br>38.9610 |

# Details

The Hex color **9CB700** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **1B00B7**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D6EF4F**, and **648200** is the 20% darker color. If you saturate the color by 10%, you get **9CB700**, and if you desaturate by 10%, it is **9FB712**.

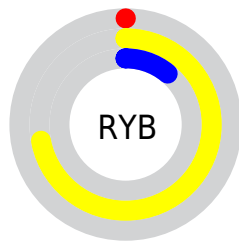
# Distribution



Red (61%)

Green (72%)

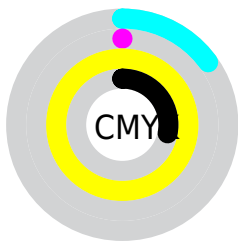
Blue (0%)



Red (0%)

Yellow (72%)

Blue (11%)

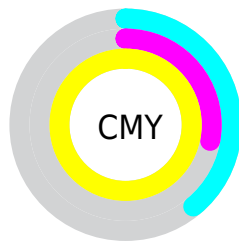


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (39%)

Magenta (28%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CB700 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 9CB700 by changing the saturation by 10% instead.



 9CB700

 9CB700

FFFFFF

 809C00

 D6EF4F

 648200

 F4FF6C

 496900

 FFFF88

 2C5100

 FFFFA4

 0E3900

 FFFFC1

 002400

 FFFFDE

 000100

 FFFFFC

 000000

 9CB700

 9FB712

 A1B725

 A4B737

 A7B749

 AAB75C

 ACB76E

 AFB780

 B2B792

 B4B7A5

# Harmonies

## Analogous

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



DDA100



9CB700



3AC44F

# Triad

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



9CB700



00C7FF



FF66C2

# Complementary

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



9CB700



1B00B7

# 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.



EC81FF



9CB700



00B9FF

# Square

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



9CB700



00CBDD



82A1FF



FF687C

# Rectangle

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



9CB700



00C97D



82A1FF



FF6DD9



# Sweetspot

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



9CB700



E3EDA6



B71800



71784D



F7F7F7



787878



# Same Dimension

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



9CB700



CAED00



43B700



5A5C53



859C00



181C00



# Inverse Universe

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



1B00B7



2300ED



7400B7



54535C



17009C



04001C



# Previews

## White Background



This preview shows how the Hex color 9CB700 looks on a white background.

## Color Contrast Check

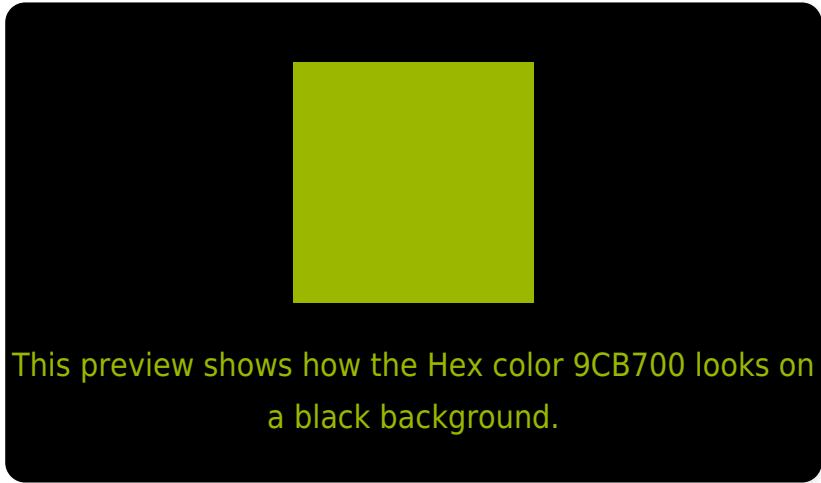
Large Text (above 18pt) WCAG AA × Fail

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 9CB700 Background



This preview shows how black text looks on a background with the Hex color 9CB700.

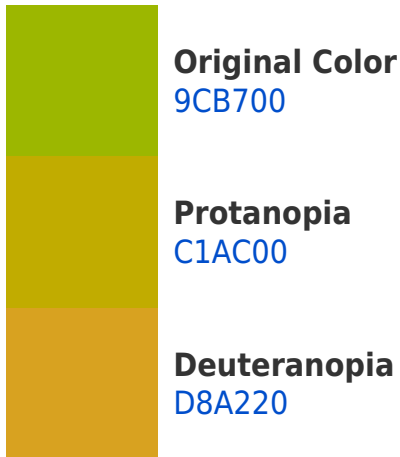


This preview shows how white text looks on a background with the Hex color 9CB700.

# 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](#).

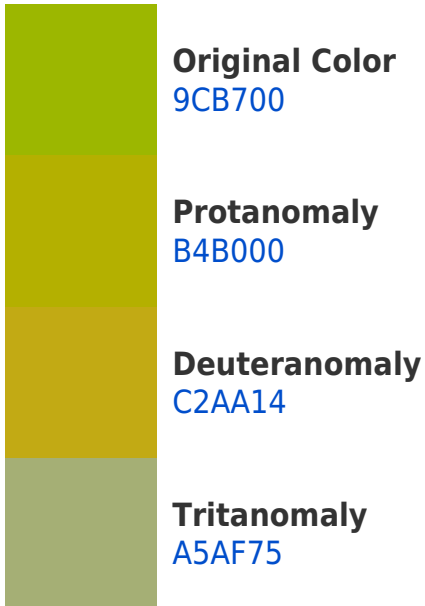
## Dichromacy





**Tritanopia**  
AAAAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CB700 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 #9CB700 looks like.

```
.text, #text, p{  
    color:#9CB700  
}
```

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 #9CB700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CB700
}
```

## Border

The CSS property to change the border of an element to Hex 9CB700 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
#9CB700 }
```

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

```
.border{ border-color:#9CB700 }
```

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

Here you see how a box with a 4 pixel #9CB700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CB700; -webkit-box-shadow:4px 4px  
4px 4px #9CB700; box-shadow:4px 4px 4px  
4px #9CB700 }
```

# Background

The CSS property to change the background color of an element to Hex 9CB700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CB700 }
```

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

```
.background{ background-color:#9CB700 }
```

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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