

# Converting Colors

Hex(9EBE0B)

Have a look what the booklet for  
Hex(9EBE0B) contains.

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**Color**

**Hex(9EBE0B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EBE0B
RGB	158, 190, 11
RGB Percent	62%, 75%, 4%
CMY	0.3804, 0.2549, 0.9569
CMYK	0.17, 0.00, 0.94, 0.25
HSL	71°, 89%, 39%
HSV	71°, 94%, 75%
XYZ	32.5744, 44.1202, 7.1158
YIQ	160.0260, 38.3870, -62.4530

# Conversions

## Conversions Part 2

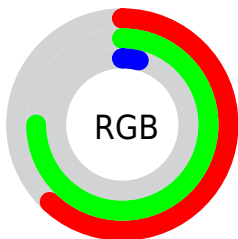
Format	Color
<a href="#">RYB</a>	<a href="#">11, 190, 43</a>
Decimal	<a href="#">10403339</a>
CIELab	<a href="#">72.31, -30.74, 71.70</a>
CIElCh	<a href="#">72, 78.008, 113.205</a>
Yxy	<a href="#">44.1202, 0.3887, 0.5264</a>
Android (android.graphics.Color)	<a href="#">4288593419</a> ( <a href="#">0xFF9EBE0B</a> )
YUV	<a href="#">160.0260, -73.4698, -1.7768</a>
Hunter-Lab	<a href="#">66.4230, -28.7024, 40.1445</a>

# Details

The Hex color **9EBE0B** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **2B0BBE**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D8F654**, and **658900** is the 20% darker color. If you saturate the color by 10%, you get **9CBE00**, and if you desaturate by 10%, it is **A1BE1E**.

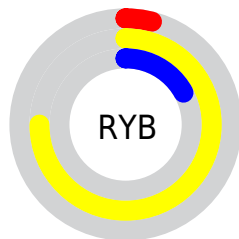
# Distribution



Red (62%)

Green (75%)

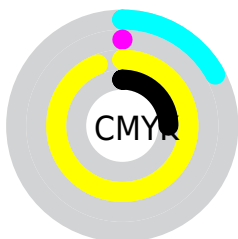
Blue (4%)



Red (4%)

Yellow (75%)

Blue (17%)

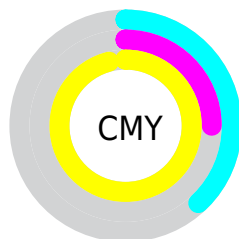


Cyan (17%)

Magenta (0%)

Yellow (94%)

Black (25%)



Cyan (38%)

Magenta (25%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EBE0B 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 9EBE0B by changing the saturation by 10% instead.





9EBE0B



9EBE0B

FFFFFF



82A300



D8F654



658900



F6FF70



4A6F00



FFFF8D



2D5700



FFFFA9



0E3F00



FFFFC6



002900



FFFFE3



000F00



000000



9EBE0B



9EBE0B

■ 9CBE00

■ A1BE1E

■ A5BE31

■ A8BE44

■ ACBE57

■ AFBE6A

■ B2BE7D

■ B6BE90

■ B9BEA3

■ BDBEB6

# Harmonies

## Analogous

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



E1A800



9EBE0B



35CB56

# Triad

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



9EBE0B



00CFFF



FF6AC5

# Complementary

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



9EBE0B



2B0BBE

# 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.



F784FF



9EBE0B



00BFFF

# Square

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



9EBE0B



00D2E8



8FA5FF



FF6E7E

# Rectangle

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



9EBE0B



00D085



8FA5FF



FF70DC



# Sweetspot

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



9EBE0B



EBF7B2



BE290B



757D52



FCFCFC



7D7D7D



# Same Dimension

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



9EBE0B



CBF700



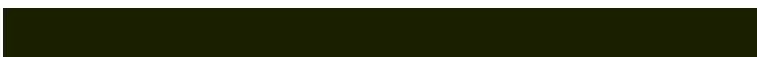
47BE0B



5D5E55



829E00



191F00



# Inverse Universe

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



2B0BBE



2C00F7



820BBE



57555E



1C009E



05001F



# Previews

## White Background



This preview shows how the Hex color 9EBE0B looks on a white background.

## Color Contrast Check

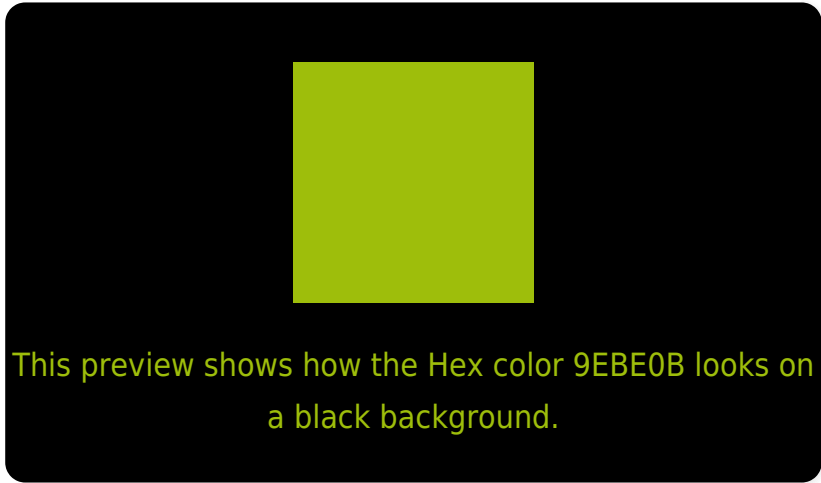
Large Text (above 18pt) WCAG AA × Fail

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 9EBE0B Background



This preview shows how black text looks on a background with the Hex color 9EBE0B.



This preview shows how white text looks on a background with the Hex color 9EBE0B.

# 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



**Original Color**  
9EBE0B

**Protanomaly**  
B9B604

**Deuteranomaly**  
C7B01A

**Tritanomaly**  
A8B67E

# Monochromacy



**Original Color**  
9EBE0B

**Achromatopsia**  
A0A0A0

**Achromatomaly**  
9FAB6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EBE0B 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 #9EBE0B looks like.

```
.text, #text, p{  
    color:#9EBE0B  
}
```

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 #9EBE0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EBE0B
}
```

## Border

The CSS property to change the border of an element to Hex 9EBE0B 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
#9EBE0B }
```

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

```
.border{ border-color:#9EBE0B }
```

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

Here you see how a box with a 4 pixel #9EBE0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EBE0B; -webkit-box-shadow:4px 4px  
4px 4px #9EBE0B; box-shadow:4px 4px 4px  
4px #9EBE0B }
```

# Background

The CSS property to change the background color of an element to Hex 9EBE0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EBE0B }
```

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

```
.background{ background-color:#9EBE0B }
```

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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