

# Converting Colors

Hex(9EAB2A)

Have a look what the booklet for  
Hex(9EAB2A) contains.

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# Color

Hex(9EAB2A)

# Conversions

## Conversions Part 1

Format	Color
Hex	9EAB2A
RGB	158, 171, 42
RGB Percent	62%, 67%, 16%
CMY	0.3804, 0.3294, 0.8353
CMYK	0.08, 0.00, 0.75, 0.33
HSL	66°, 61%, 42%
HSV	66°, 75%, 67%
XYZ	29.0814, 36.5621, 7.7149
YIQ	152.4070, 33.6610, -42.8750

# Conversions

## Conversions Part 2

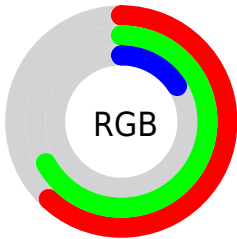
Format	Color
<a href="#">RYB</a>	<a href="#">42, 171, 55</a>
Decimal	<a href="#">10398506</a>
CIELab	<a href="#">66.95, -20.61, 60.25</a>
CIELCh	<a href="#">67, 63.680, 108.883</a>
Yxy	<a href="#">36.5621, 0.3964, 0.4984</a>
Android (android.graphics.Color)	<a href="#">4288588586</a> ( <a href="#">0xFF9EAB2A</a> )
YUV	<a href="#">152.4070, -54.4307, 4.9051</a>
Hunter-Lab	<a href="#">60.4666, -19.9670, 34.7618</a>

# Details

The Hex color **9EAB2A** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **372AAB**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **D7E262**, and **677700** is the 20% darker color. If you saturate the color by 10%, you get **9CAB19**, and if you desaturate by 10%, it is **A0AB3B**.

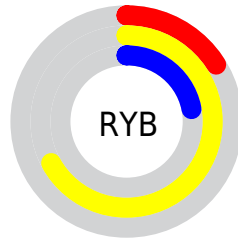
# Distribution



Red (62%)

Green (67%)

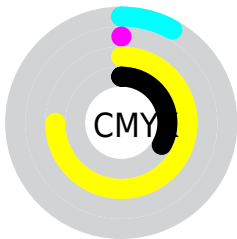
Blue (16%)



Red (16%)

Yellow (67%)

Blue (22%)

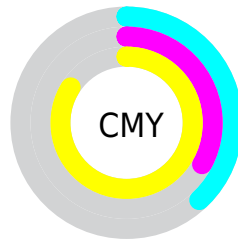


Cyan (8%)

Magenta (0%)

Yellow (75%)

Black (33%)



Cyan (38%)

Magenta (33%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EAB2A 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 9EAB2A by changing the saturation by 10% instead.





9EAB2A



9EAB2A

FFFFFF



829102



D7E262



677700



F5FF7D



4C5E00



FFFF98



324700



FFFFB4



183000



FFFFD1



001D00



FFFEE



000000



9EAB2A



9EAB2A



9CAB19



A0AB3B

 9BAB08

 A1AB4C

 9AAB00

 A3AB5D

 A5AB6E

 A7AB7F

 A8AB91

 AAABA2

 ACABB3

 AEABC4

# Harmonies

## Analogous

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



D39829



9EAB2A



58B753

# Triad

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



9EAB2A



00BAF8



FF70BB

# Complementary

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



9EAB2A



372AAB

# 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.



D384EF



9EAB2A



00B0FF

# Square

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



9EAB2A



00BEC6



7C9DFE



FF6F81

# Rectangle

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



9EAB2A



00BC77



7C9DFF



F575CD



# Sweetspot

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



9EAB2A



D9DEAB



AB372A



6D7051



F0F0F0



707070



# Same Dimension

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



9EAB2A



CADE14



5EAB2A



56574E



879600



151700



# Inverse Universe

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



372AAB



2814DE



772AAB



4F4E57



0F0096



020017



# Previews

## White Background



This preview shows how the Hex color 9EAB2A looks on a white background.

## Color Contrast Check

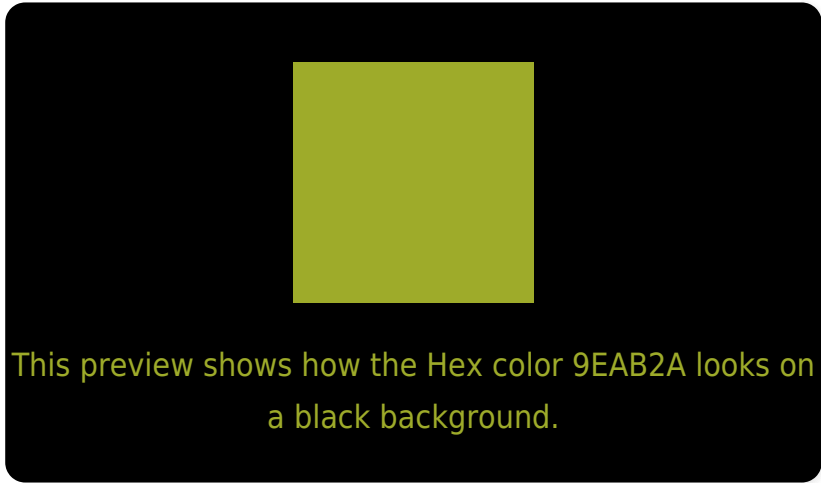
Large Text (above 18pt) WCAG AA × Fail

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 9EAB2A Background



This preview shows how black text looks on a background with the Hex color 9EAB2A.

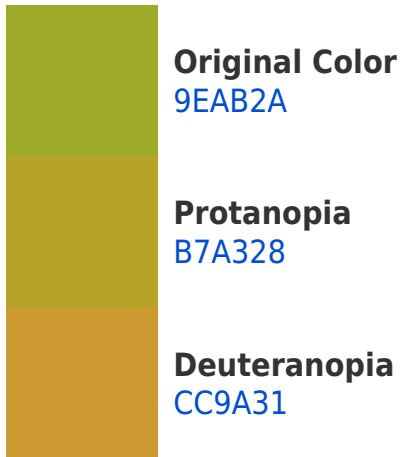


This preview shows how white text looks on a background with the Hex color 9EAB2A.

# 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

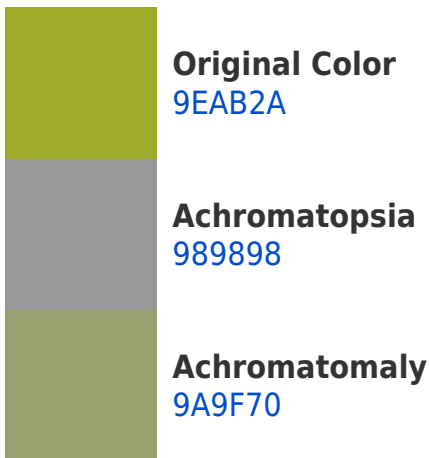




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EAB2A 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 #9EAB2A looks like.

```
.text, #text, p{  
    color:#9EAB2A  
}
```

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 #9EAB2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EAB2A
}
```

## Border

The CSS property to change the border of an element to Hex 9EAB2A 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
#9EAB2A }
```

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

```
.border{ border-color:#9EAB2A }
```

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

Here you see how a box with a 4 pixel #9EAB2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EAB2A; -webkit-box-shadow:4px 4px  
4px 4px #9EAB2A; box-shadow:4px 4px 4px  
4px #9EAB2A }
```

# Background

The CSS property to change the background color of an element to Hex 9EAB2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EAB2A }
```

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

```
.background{ background-color:#9EAB2A }
```

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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