

Converting Colors

Hex(9AAD0E)

Have a look what the booklet for
Hex(9AAD0E) contains.

Hex(9AAD0E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9AAD0E)

Conversions

Conversions Part 1

Format	Color
Hex	9AAD0E
RGB	154, 173, 14
RGB Percent	60%, 68%, 5%
CMY	0.3961, 0.3216, 0.9451
CMYK	0.11, 0.00, 0.92, 0.32
HSL	67°, 85%, 37%
HSV	67°, 92%, 68%
XYZ	28.3493, 36.7889, 6.0223
YIQ	149.1930, 39.7150, -53.4770

Conversions

Conversions Part 2

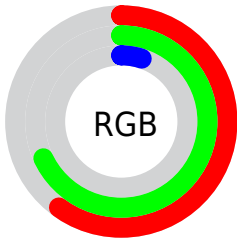
Format	Color
RYB	14, 173, 33
Decimal	10136846
CIELab	67.12, -24.20, 67.11
CIELCh	67, 71.336, 109.829
Yxy	36.7889, 0.3984, 0.5170
Android (android.graphics.Color)	4288326926 (0xFF9AAD0E)
YUV	149.1930, -66.6501, 4.2157
Hunter-Lab	60.6538, -22.7143, 36.5708

Details

The Hex color **9AAD0E** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **210EAD**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D4E451**, and **627900** is the 20% darker color. If you saturate the color by 10%, you get **98AD00**, and if you desaturate by 10%, it is **9CAD1F**.

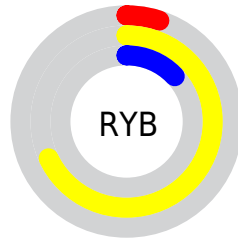
Distribution



Red (60%)

Green (68%)

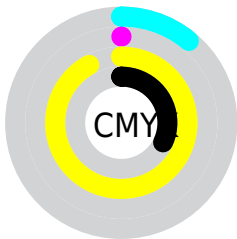
Blue (5%)



Red (5%)

Yellow (68%)

Blue (13%)

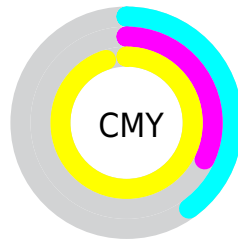


Cyan (11%)

Magenta (0%)

Yellow (92%)

Black (32%)



Cyan (40%)

Magenta (32%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AAD0E 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 9AAD0E by changing the saturation by 10% instead.

 9AAD0E

 9AAD0E

FFFFFF

 7E9200

 D4E451

 627900

 F2FF6D

 486000

 FFFF89

 2C4800

 FFFFA5

 103200

 FFFFC2

 001E00

 FFFFDF

 000000

 FFFFFC

 9AAD0E

 9AAD0E

■ 98AD00

■ 9CAD1F

■ 9EAD31

■ A0AD42

■ A2AD53

■ A4AD65

■ A6AD76

■ A8AD87

■ ABAD98

■ ADADAA

Harmonies

Analogous

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



D59909



9AAD0E



47BA4A

Triad

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



9AAD0E



00BDFE



FF66BC

Complementary

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



9AAD0E



210EAD

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.



DB7EF7



9AAD0E



00B1FF

Square

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



9AAD0E



00C1CD



769CFF



FF667C

Rectangle

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



9AAD0E



00BE74



769CFF



FF6CD1

Sweetspot

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



9AAD0E



D9E0A2



AD210E



6C704A



F0F0F0



707070

Same Dimension

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



9AAD0E



C6E000



4BAD0E



56574E



849600



141700

Inverse Universe

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



210EAD



1B00E0



700EAD



4F4E57



120096



030017

Previews

White Background



This preview shows how the Hex color 9AAD0E looks on a white background.

Color Contrast Check

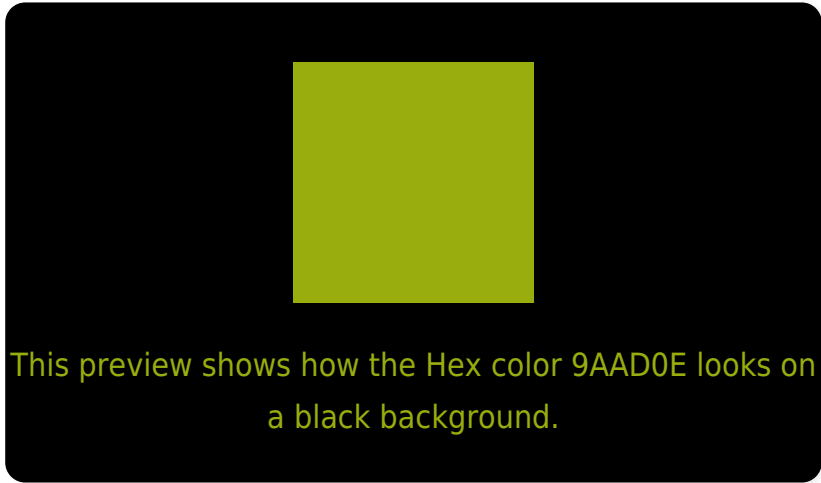
Large Text (above 18pt) WCAG AA × Fail

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 9AAD0E Background



This preview shows how black text looks on a background with the Hex color 9AAD0E.

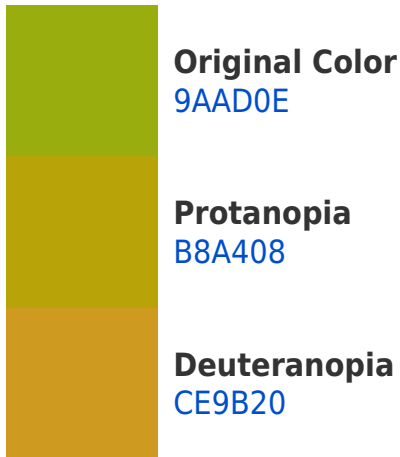


This preview shows how white text looks on a background with the Hex color 9AAD0E.

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](#).

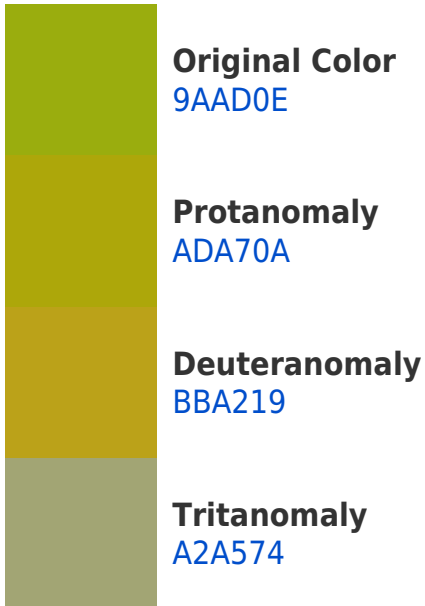
Dichromacy



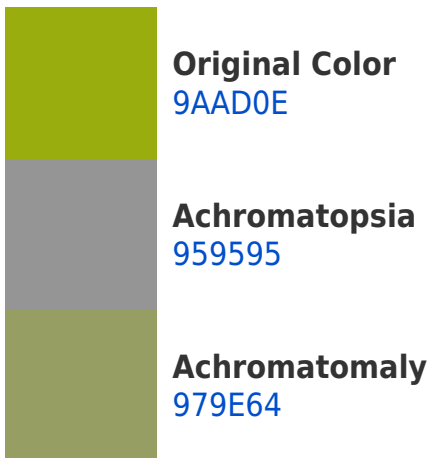


Tritanopia
A7A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AAD0E 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 #9AAD0E looks like.

```
.text, #text, p{  
    color:#9AAD0E  
}
```

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 #9AAD0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AAD0E
}
```

Border

The CSS property to change the border of an element to Hex 9AAD0E 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
#9AAD0E }
```

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

```
.border{ border-color:#9AAD0E }
```

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

Here you see how a box with a 4 pixel #9AAD0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AAD0E; -webkit-box-shadow:4px 4px  
4px 4px #9AAD0E; box-shadow:4px 4px 4px  
4px #9AAD0E }
```

Background

The CSS property to change the background color of an element to Hex 9AAD0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AAD0E }
```

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

```
.background{ background-color:#9AAD0E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor