

Converting Colors

Hex(A9AA46)

Have a look what the booklet for
Hex(A9AA46) contains.

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Color

Hex(A9AA46)

Conversions

Conversions Part 1

Format	Color
Hex	A9AA46
RGB	169, 170, 70
RGB Percent	66%, 67%, 27%
CMY	0.3373, 0.3333, 0.7255
CMYK	0.01, 0.00, 0.59, 0.33
HSL	61°, 42%, 47%
HSV	61°, 59%, 67%
XYZ	31.8424, 37.6267, 11.3788
YIQ	158.3010, 31.5040, -31.3120

Conversions

Conversions Part 2

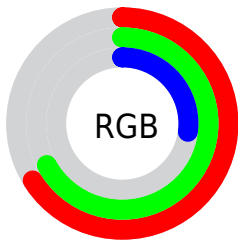
Format	Color
RYB	70, 170, 71
Decimal	11119174
CIELab	67.74, -13.70, 50.18
CIELCh	68, 52.020, 105.275
Yxy	37.6267, 0.3939, 0.4654
Android (android.graphics.Color)	4289309254 (0xFFA9AA46)
YUV	158.3010, -43.5324, 9.3830
Hunter-Lab	61.3406, -14.6852, 31.9400

Details

The Hex color **A9AA46** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4746AA**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **E2E17A**, and **72760E** is the 20% darker color. If you saturate the color by 10%, you get **A9AA35**, and if you desaturate by 10%, it is **A9AA57**.

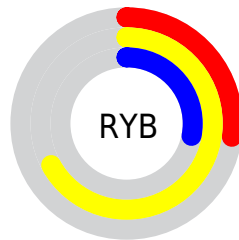
Distribution



Red (66%)

Green (67%)

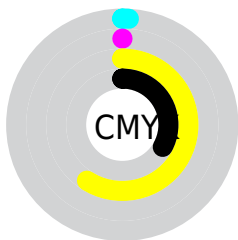
Blue (27%)



Red (27%)

Yellow (67%)

Blue (28%)

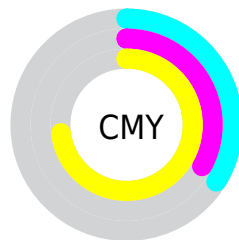


Cyan (1%)

Magenta (0%)

Yellow (59%)

Black (33%)



Cyan (34%)

Magenta (33%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color A9AA46 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 A9AA46 by changing the saturation by 10% instead.



A9AA46



A9AA46

FFFFFF



8D902C



E2E17A



72760E



FFFE95



585E00



FFFF80



3F4600



FFFF60



253000



FFFF30



081C00



000000



A9AA46



A9AA46



A9AA35



A9AA57

 A9AA24

 A9AA68

 A8AA13

 AAAA79

 A8AA02

 AAAA8A

 A8AA00

 AAAA9B

 AAAAAC

 AAAABD

 AAAACE

 ABAADF

Harmonies

Analogous

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



D49A48



A9AA46



74B560

Triad

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



A9AA46



00B9E7



F080BE

Complementary

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



A9AA46



4746AA

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.



C78FE7



A9AA46



00B1FF

Square

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



A9AA46



00BDBC



81A2FF



FD7D8F

Rectangle

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



A9AA46



44BA7C



81A2FF



E584CD

Sweetspot

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



A9AA46



DDDEB6



AA4646



707058



F0F0F0



707070

Same Dimension

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



A9AA46



DCDE40



78AA46



54544C



929400



141400

Inverse Universe

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



4746AA



4240DE



7846AA



4C4C54



010094



000014

Previews

White Background



This preview shows how the Hex color A9AA46 looks on a white background.

Color Contrast Check

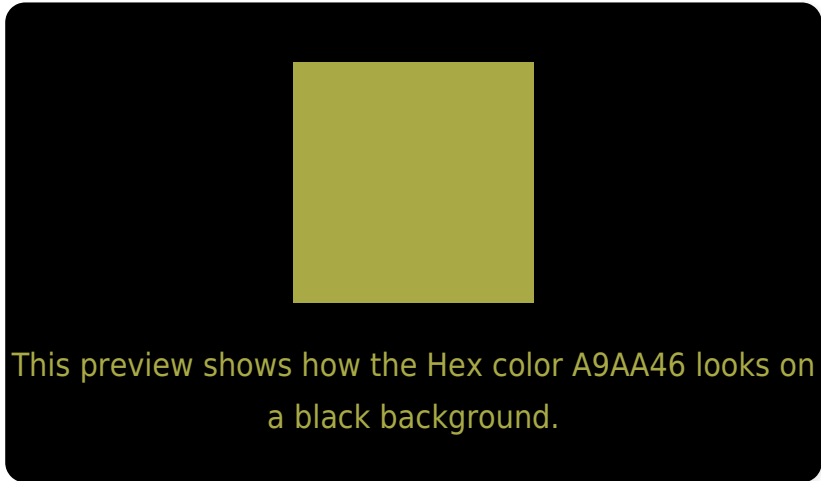
Large Text (above 18pt) WCAG AA × Fail

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

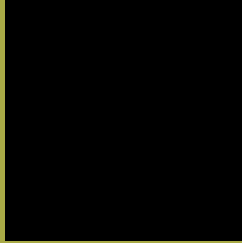
Any Text WCAG AA ✓ Pass

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 A9AA46 Background



This preview shows how black text looks on a background with the Hex color A9AA46.



This preview shows how white text looks on a background with the Hex color A9AA46.

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

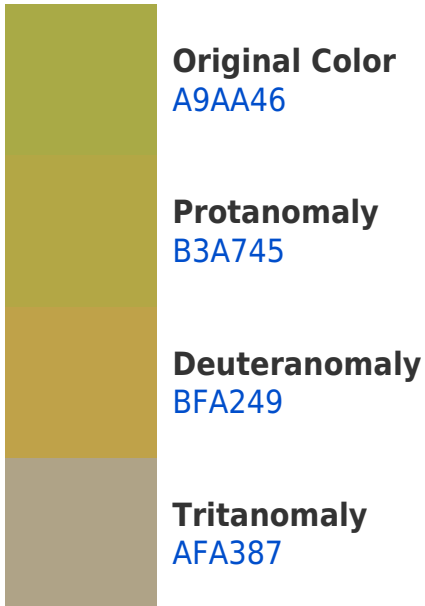


Original Color
A9AA46

Protanopia
B8A545

Deuteranopia
CC9D4A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A9AA46 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 #A9AA46 looks like.

```
.text, #text, p{  
    color:#A9AA46  
}
```

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 #A9AA46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9AA46  
}
```

Border

The CSS property to change the border of an element to Hex A9AA46 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  
#A9AA46 }
```

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

```
.border{ border-color:#A9AA46 }
```

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

Here you see how a box with a 4 pixel #A9AA46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9AA46; -webkit-box-shadow:4px 4px  
4px 4px #A9AA46; box-shadow:4px 4px 4px  
4px #A9AA46 }
```

Background

The CSS property to change the background color of an element to Hex A9AA46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9AA46 }
```

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

```
.background{ background-color:#A9AA46 }
```

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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