

Converting Colors

Hex(A9C630)

Have a look what the booklet for
Hex(A9C630) contains.

Hex(A9C630)	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(A9C630)

Conversions

Conversions Part 1

Format	Color
Hex	A9C630
RGB	169, 198, 48
RGB Percent	66%, 78%, 19%
CMY	0.3373, 0.2235, 0.8118
CMYK	0.15, 0.00, 0.76, 0.22
HSL	72°, 61%, 48%
HSV	72°, 76%, 78%
XYZ	37.0898, 49.0366, 10.3065
YIQ	172.2290, 30.8660, -52.7980

Conversions

Conversions Part 2

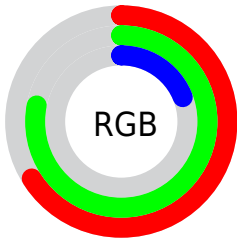
Format	Color
RYB	48, 198, 77
Decimal	11126320
CIELab	75.47, -28.91, 66.57
CIELCh	75, 72.572, 113.474
Yxy	49.0366, 0.3846, 0.5085
Android (android.graphics.Color)	4289316400 (0xFFA9C630)
YUV	172.2290, -61.2449, -2.8318
Hunter-Lab	70.0261, -28.0021, 40.2920

Details

The Hex color **A9C630** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **4D30C6**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **E3FF6A**, and **719000** is the 20% darker color. If you saturate the color by 10%, you get **A5C61C**, and if you desaturate by 10%, it is **ADC644**.

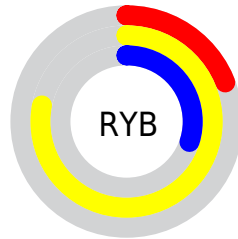
Distribution



Red (66%)

Green (78%)

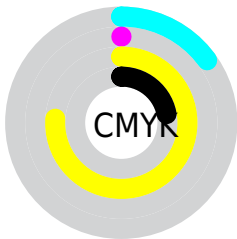
Blue (19%)



Red (19%)

Yellow (78%)

Blue (30%)

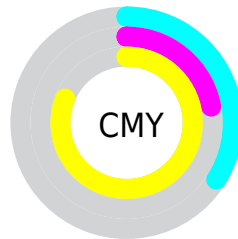


Cyan (15%)

Magenta (0%)

Yellow (76%)

Black (22%)



Cyan (34%)

Magenta (22%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color A9C630 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 A9C630 by changing the saturation by 10% instead.

 A9C630

 A9C630

FFFFFF

 8DAB05

 E3FF6A

 719000

 FFFF86

 557600

 FFFFA2

 3A5E00

 FFFFBE

 1E4600

 FFFFDB

 002F00

 FFFFF9

 001C00

 000000

 A9C630

 A9C630

 A5C61C

 ADC644

 A1C608

 B1C658

 A0C600

 B4C66B

 B8C67F

 BCC693

 C0C6A7

 C4C6BB

 C8C6CE

 CBC6E2

Harmonies

Analogous

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



E8B224



A9C630



4FD366

Triad

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



A9C630



00D4FF



FF7BCC

Complementary

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



A9C630



4D30C6

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.



FD91FF



A9C630



00C6FF

Square

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



A9C630



00D9ED



9FAEFF



FF7F89

Rectangle

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



A9C630



00D791



9FAEFF



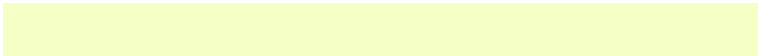
FF80E2

Sweetspot

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



A9C630



F4FFC4



C64C30



79805C



000000



808080

Same Dimension

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



A9C630



D2FF17



60C630



62635A



84A300



1D2400

Inverse Universe

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



4D30C6



4417FF



9730C6



5B5A63



2000A3



070024

Previews

White Background



This preview shows how the Hex color A9C630 looks on a white background.

Color Contrast Check

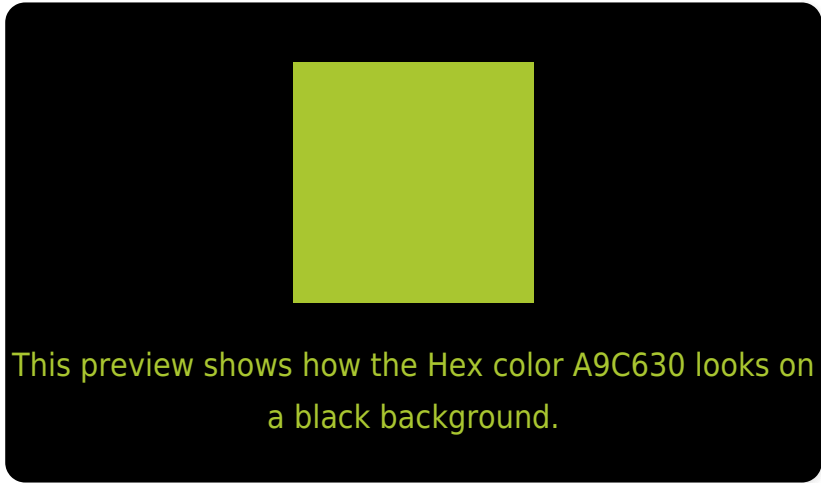
Large Text (above 18pt) WCAG AA × Fail

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 A9C630 Background



This preview shows how black text looks on a background with the Hex color A9C630.



This preview shows how white text looks on a background with the Hex color A9C630.

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
A9C630

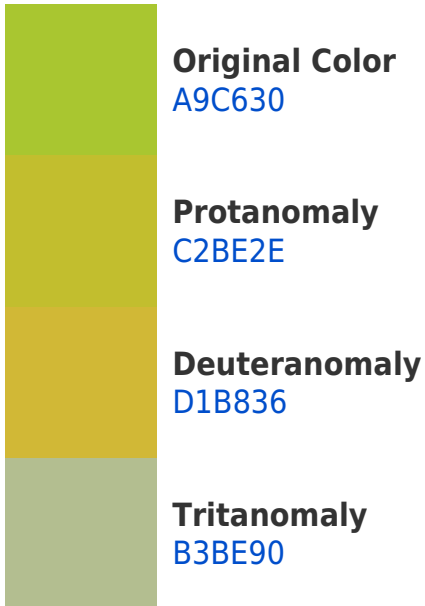
Protanopia
D0BA2D

Deuteranopia
E8B03A

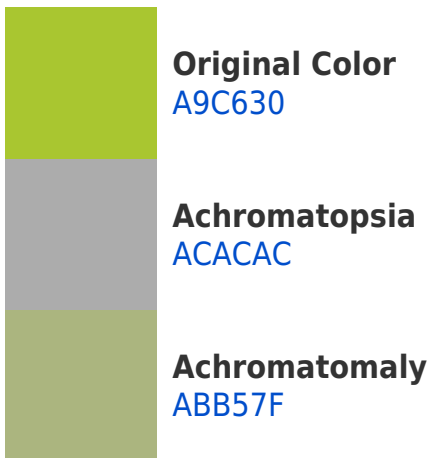


Tritanopia
B8B9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A9C630 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 #A9C630 looks like.

```
.text, #text, p{  
    color:#A9C630  
}
```

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 #A9C630 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9C630
}
```

Border

The CSS property to change the border of an element to Hex A9C630 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
#A9C630 }
```

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

```
.border{ border-color:#A9C630 }
```

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

Here you see how a box with a 4 pixel #A9C630 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9C630; -webkit-box-shadow:4px 4px  
4px 4px #A9C630; box-shadow:4px 4px 4px  
4px #A9C630 }
```

Background

The CSS property to change the background color of an element to Hex A9C630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9C630 }
```

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

```
.background{ background-color:#A9C630 }
```

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