

# Converting Colors

Hex(A7C945)

Have a look what the booklet for  
Hex(A7C945) contains.

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**Color**

**Hex(A7C945)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7C945
RGB	167, 201, 69
RGB Percent	65%, 79%, 27%
CMY	0.3451, 0.2118, 0.7294
CMYK	0.17, 0.00, 0.66, 0.21
HSL	75°, 55%, 53%
HSV	75°, 66%, 79%
XYZ	37.8972, 50.4184, 13.3646
YIQ	175.7860, 22.1080, -48.2600

# Conversions

## Conversions Part 2

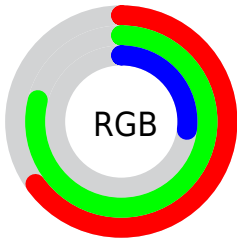
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 201, 103
Decimal	10996037
CIELab	76.33, -29.94, 59.79
CIELCh	76, 66.867, 116.604
Yxy	50.4184, 0.3727, 0.4959
Android (android.graphics.Color)	4289186117 (0xFFA7C945)
YUV	175.7860, -52.6455, -7.7053
Hunter-Lab	71.0059, -28.9917, 38.5447

# Details

The Hex color **A7C945** 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 **6745C9**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **E1FF7B**, and **6F9300** is the 20% darker color. If you saturate the color by 10%, you get **A2C931**, and if you desaturate by 10%, it is **ACC959**.

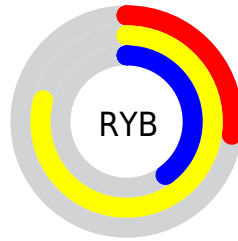
# Distribution



Red (65%)

Green (79%)

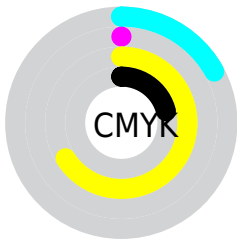
Blue (27%)



Red (27%)

Yellow (79%)

Blue (40%)

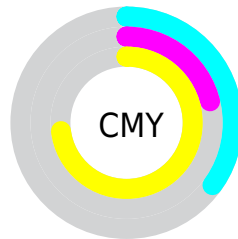


Cyan (17%)

Magenta (0%)

Yellow (66%)

Black (21%)



Cyan (35%)

Magenta (21%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7C945 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 A7C945 by changing the saturation by 10% instead.



 A7C945

 A7C945

FFFFFF

 8BAE28

 E1FF7B

 6F9300


 FEFF97

 547900

 FFFFB3

 3A6000

 FFFFCE

 1E4800

 FFFFED

 003100

 001E00

 000000

 A7C945

 A7C945

 A2C931

 ACC959

 9DC91D

 B1C96D

 97C909

 B7C981

 95C900

 BCC995

 C1C9AA

 C6C9BE

 CBC9D2

 D0C9E6

 D6C9FA

# Harmonies

## Analogous

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



E3B737



A7C945



53D475

# Triad

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



A7C945



00D3FF



FF84C6

# Complementary

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



A7C945



6745C9

# 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.



FF95FF



A7C945



00C5FF

# Square

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



A7C945



00DAF2



B2AFFF



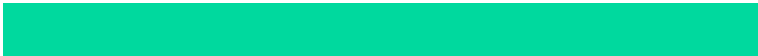
FF8989

# Rectangle

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



A7C945



00D99E



B2AFFF



FF88DB

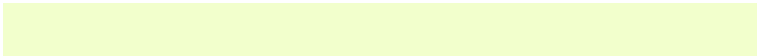


# Sweetspot

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



A7C945



F2FFCC



C96645



788061



000000



808080



# Same Dimension

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



A7C945



CBFF36



66C945



61635A



79A300



1B2400



# Inverse Universe

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



6745C9



6936FF



A845C9



5C5A63



2A00A3



090024



# Previews

## White Background



This preview shows how the Hex color A7C945 looks on a white background.

## Color Contrast Check

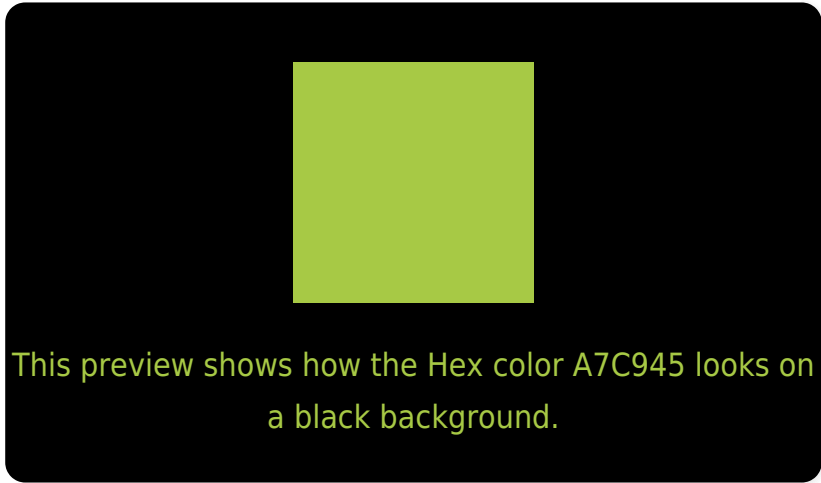
Large Text (above 18pt) WCAG AA × Fail

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 A7C945 Background



This preview shows how black text looks on a background with the Hex color A7C945.

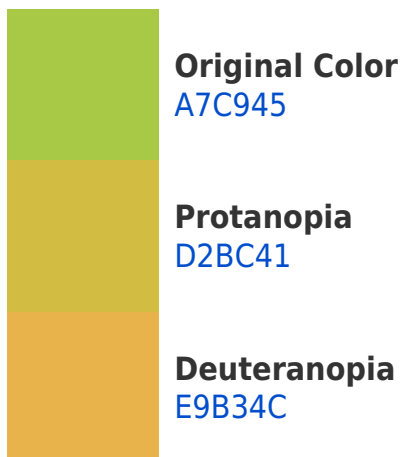


This preview shows how white text looks on a background with the Hex color A7C945.

# 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



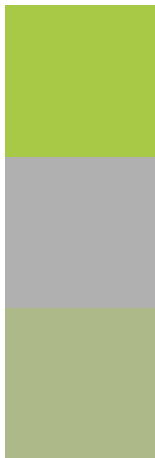
**Original Color**  
A7C945

**Protanomaly**  
C2C142

**Deuteranomaly**  
D1BB49

**Tritanomaly**  
B1C19A

# Monochromacy



**Original Color**  
A7C945

**Achromatopsia**  
B0B0B0

**Achromatomaly**  
ADB989

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7C945 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 #A7C945 looks like.

```
.text, #text, p{  
    color:#A7C945  
}
```

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 #A7C945 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7C945
}
```

## Border

The CSS property to change the border of an element to Hex A7C945 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
#A7C945 }
```

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

```
.border{ border-color:#A7C945 }
```

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

Here you see how a box with a 4 pixel #A7C945 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7C945; -webkit-box-shadow:4px 4px  
4px 4px #A7C945; box-shadow:4px 4px 4px  
4px #A7C945 }
```

# Background

The CSS property to change the background color of an element to Hex A7C945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7C945 }
```

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

```
.background{ background-color:#A7C945 }
```

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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