

Converting Colors

Hex(A7CC46)

Have a look what the booklet for
Hex(A7CC46) contains.

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Color

Hex(A7CC46)

Conversions

Conversions Part 1

Format	Color
Hex	A7CC46
RGB	167, 204, 70
RGB Percent	65%, 80%, 27%
CMY	0.3451, 0.2000, 0.7255
CMYK	0.18, 0.00, 0.66, 0.20
HSL	77°, 57%, 54%
HSV	77°, 66%, 80%
XYZ	38.6347, 51.8434, 13.7649
YIQ	177.6610, 20.9620, -49.5180

Conversions

Conversions Part 2

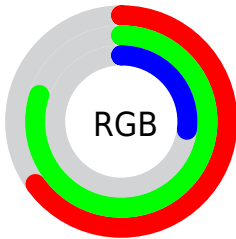
Format	Color
RYB	70, 204, 107
Decimal	10996806
CIELab	77.19, -31.29, 60.29
CIELCh	77, 67.925, 117.426
Yxy	51.8434, 0.3706, 0.4973
Android (android.graphics.Color)	4289186886 (0xFFA7CC46)
YUV	177.6610, -53.0769, -9.3497
Hunter-Lab	72.0024, -30.2254, 39.0670

Details

The Hex color **A7CC46** 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 **6B46CC**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **E1FF7D**, and **6F9600** is the 20% darker color. If you saturate the color by 10%, you get **A1CC32**, and if you desaturate by 10%, it is **ADCC5A**.

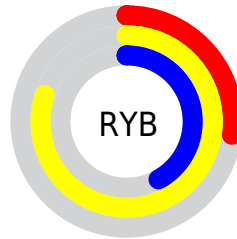
Distribution



Red (65%)

Green (80%)

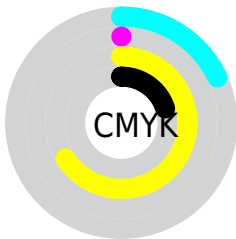
Blue (27%)



Red (27%)

Yellow (80%)

Blue (42%)

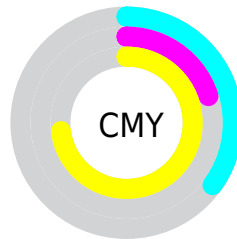


Cyan (18%)

Magenta (0%)

Yellow (66%)

Black (20%)



Cyan (35%)

Magenta (20%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7CC46 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 A7CC46 by changing the saturation by 10% instead.

 A7CC46

 A7CC46

FFFFFF

 8BB029

 E1FF7D

 6F9600

 FFFF98

 547C00

 FFFFB4

 3A6300

 FFFFDD

 1D4B00

 FFFFEE

 003300

 002100

 000000

 A7CC46

 A7CC46

 A1CC32

 ADCC5A

 9CCC1D

 B2CC6F

 96CC09

 B8CC83

 94CC00

 BECC98

 C3CCAC

 C9CCC0

 CECCD5

 D4CCE9

 DACCFE

Harmonies

Analogous

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



E5BA36



A7CC46



50D778

Triad

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



A7CC46



00D6FF



FF85C7

Complementary

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



A7CC46



6B46CC

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.



FF96FF



A7CC46



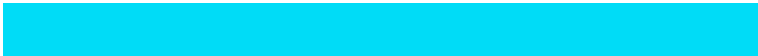
00C7FF

Square

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



A7CC46



00DCF7



B7B0FF



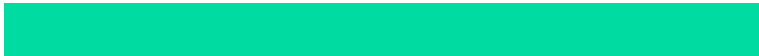
FF8B88

Rectangle

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



A7CC46



00DCA1



B7B0FF



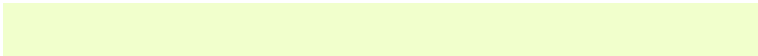
FF88DC

Sweetspot

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



A7CC46



F1FFCC



CC6A46



778061



000000



808080

Same Dimension

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



A7CC46



C7FF36



65CC46



63665C



78A600



1C2600

Inverse Universe

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



6B46CC



6D36FF



AD46CC



5F5C66



2E00A6



0B0026

Previews

White Background



This preview shows how the Hex color A7CC46 looks on a white background.

Color Contrast Check

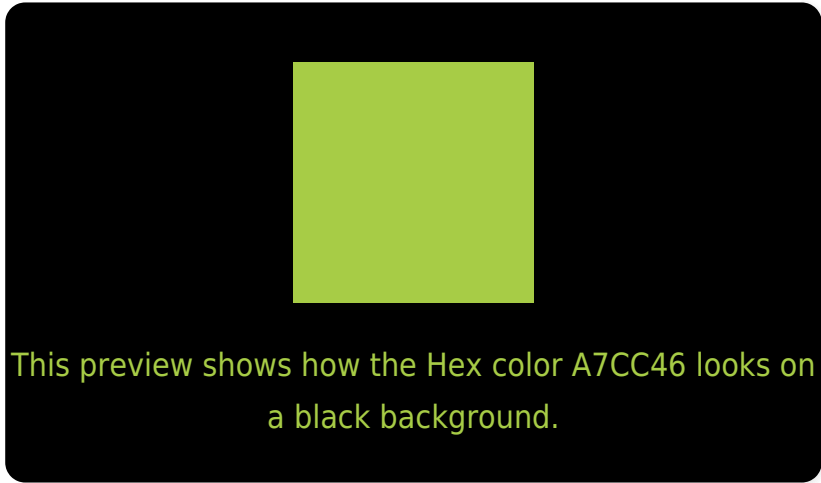
Large Text (above 18pt) WCAG AA × Fail

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 A7CC46 Background



This preview shows how black text looks on a background with the Hex color A7CC46.

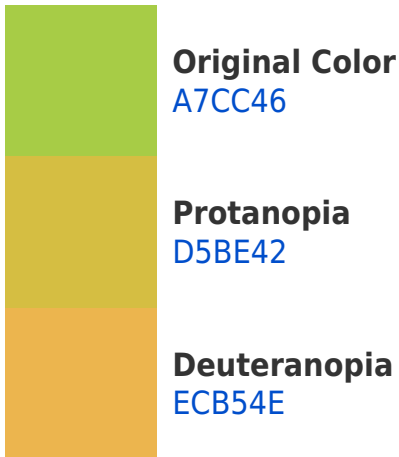


This preview shows how white text looks on a background with the Hex color A7CC46.

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](#).

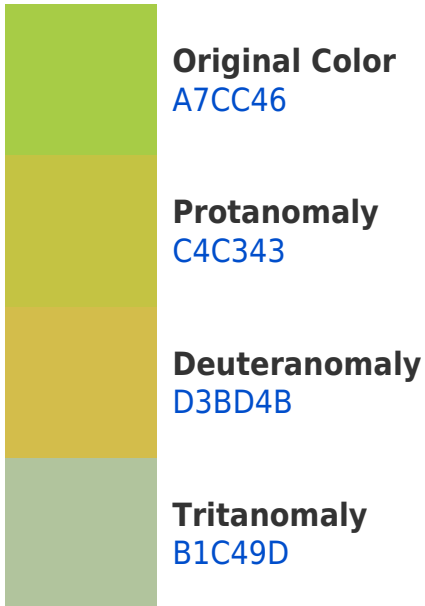
Dichromacy



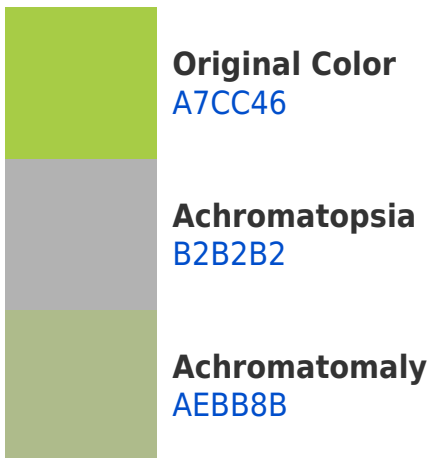


Tritanopia
B6BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A7CC46 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 #A7CC46 looks like.

```
.text, #text, p{  
    color:#A7CC46  
}
```

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 #A7CC46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7CC46
}
```

Border

The CSS property to change the border of an element to Hex A7CC46 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
#A7CC46 }
```

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

```
.border{ border-color:#A7CC46 }
```

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

Here you see how a box with a 4 pixel #A7CC46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7CC46; -webkit-box-shadow:4px 4px  
4px 4px #A7CC46; box-shadow:4px 4px 4px  
4px #A7CC46 }
```

Background

The CSS property to change the background color of an element to Hex A7CC46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7CC46 }
```

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

```
.background{ background-color:#A7CC46 }
```

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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