

Converting Colors

Hex(A6C344)

Have a look what the booklet for
Hex(A6C344) contains.

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Color

Hex(A6C344)

Conversions

Conversions Part 1

Format	Color
Hex	A6C344
RGB	166, 195, 68
RGB Percent	65%, 76%, 27%
CMY	0.3490, 0.2353, 0.7333
CMYK	0.15, 0.00, 0.65, 0.24
HSL	74°, 51%, 52%
HSV	74°, 65%, 76%
XYZ	36.2844, 47.5546, 12.7354
YIQ	171.8510, 23.4830, -45.6450

Conversions

Conversions Part 2

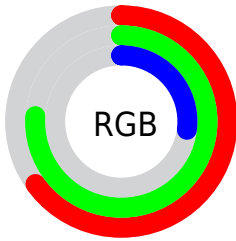
Format	Color
RYB	68, 195, 97
Decimal	10928964
CIELab	74.54, -27.56, 58.30
CIELCh	75, 64.485, 115.300
Yxy	47.5546, 0.3757, 0.4924
Android (android.graphics.Color)	4289119044 (0xFFA6C344)
YUV	171.8510, -51.1985, -5.1313
Hunter-Lab	68.9598, -26.7589, 37.3223

Details

The Hex color **A6C344** 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 **6144C3**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **E0FC7A**, and **6F8D00** is the 20% darker color. If you saturate the color by 10%, you get **A2C331**, and if you desaturate by 10%, it is **AAC358**.

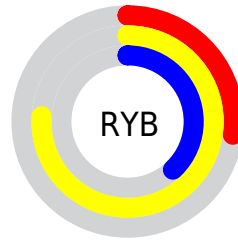
Distribution



Red (65%)

Green (76%)

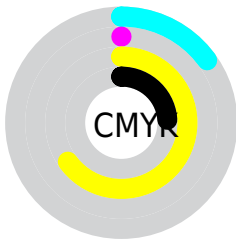
Blue (27%)



Red (27%)

Yellow (76%)

Blue (38%)

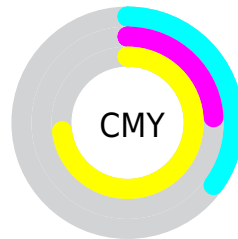


Cyan (15%)

Magenta (0%)

Yellow (65%)

Black (24%)



Cyan (35%)

Magenta (24%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6C344 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 A6C344 by changing the saturation by 10% instead.



A6C344



A6C344

FFFFFF



8AA828



E0FC7A



6F8D00



FDF995



547400



FFFFB1



3A5B00



FFFFCE



1E4300



FFF9E6



002D00



001900



000000



A6C344



A6C344

 A2C331

 AAC358

 9DC31D

 AFC36B

 99C30A

 B3C37F

 96C300

 B8C392

 BCC3A6

 C1C3B9

 C5C3CD

 CAC3E0

 CEC3F3

Harmonies

Analogous

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



DFB139



A6C344



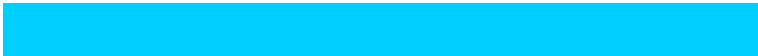
58CE71

Triad

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



A6C344



00CEFF



FF82C3

Complementary

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



A6C344



6144C3

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.



F793FC



A6C344



00C1FF

Square

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



A6C344



00D4E8



A9ACFF



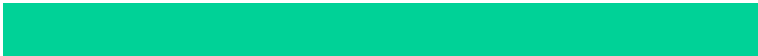
FF8688

Rectangle

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



A6C344



00D297



A9ACFF



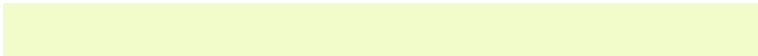
FF86D7

Sweetspot

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



A6C344



F1FCCA



C36044



798061



000000



808080

Same Dimension

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



A6C344



CFFC38



68C344



5F6157



7CA100



1A2100

Inverse Universe

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



6144C3



6538FC



9F44C3



595761



2500A1



080021

Previews

White Background



This preview shows how the Hex color A6C344 looks on a white background.

Color Contrast Check

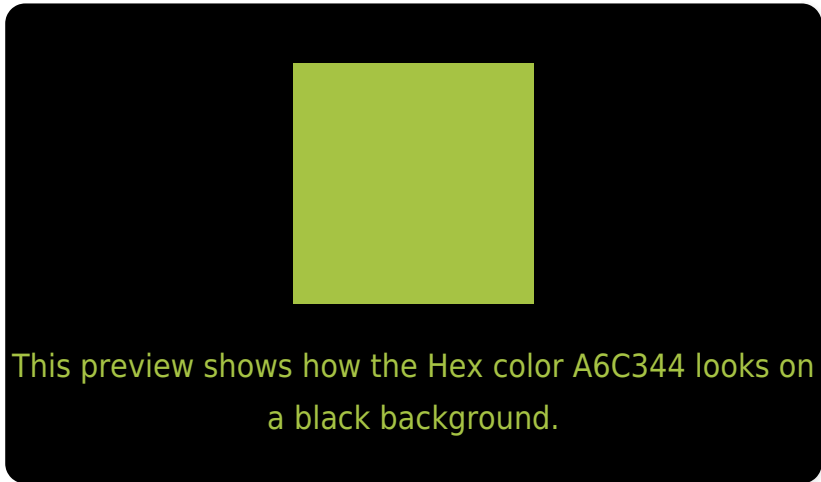
Large Text (above 18pt) WCAG AA × Fail

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 A6C344 Background



This preview shows how black text looks on a background with the Hex color A6C344.

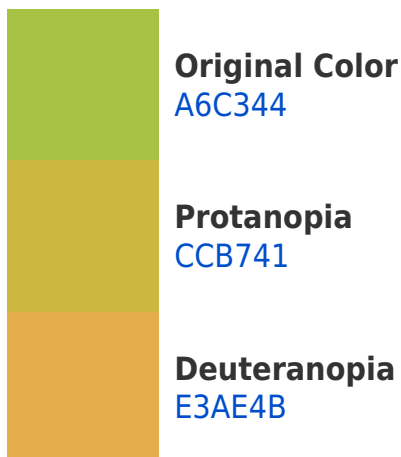


This preview shows how white text looks on a background with the Hex color A6C344.

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](#).

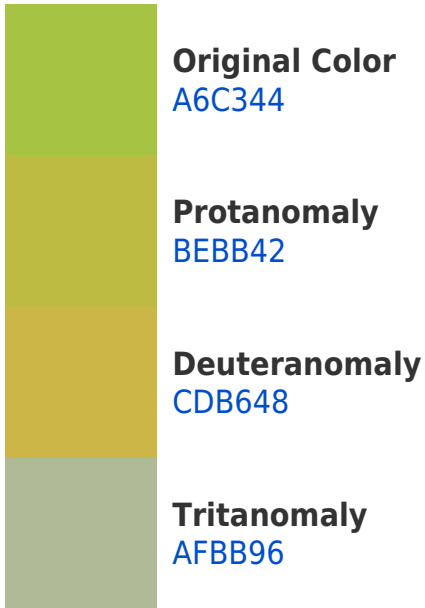
Dichromacy



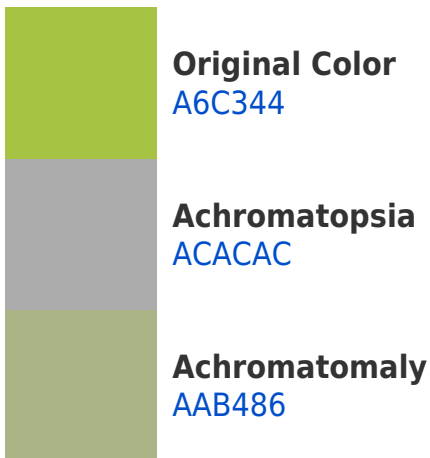


Tritanopia
B4B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6C344 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 #A6C344 looks like.

```
.text, #text, p{  
    color:#A6C344  
}
```

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 #A6C344 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6C344
}
```

Border

The CSS property to change the border of an element to Hex A6C344 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
#A6C344 }
```

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

```
.border{ border-color:#A6C344 }
```

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

Here you see how a box with a 4 pixel #A6C344 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6C344; -webkit-box-shadow:4px 4px  
4px 4px #A6C344; box-shadow:4px 4px 4px  
4px #A6C344 }
```

Background

The CSS property to change the background color of an element to Hex A6C344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6C344 }
```

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

```
.background{ background-color:#A6C344 }
```

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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