

Converting Colors

Hex(A6AB42)

Have a look what the booklet for
Hex(A6AB42) contains.

Hex(A6AB42)	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(A6AB42)

Conversions

Conversions Part 1

Format	Color
Hex	A6AB42
RGB	166, 171, 66
RGB Percent	65%, 67%, 26%
CMY	0.3490, 0.3294, 0.7412
CMYK	0.03, 0.00, 0.61, 0.33
HSL	63°, 44%, 46%
HSV	63°, 61%, 67%
XYZ	31.2722, 37.6262, 10.7686
YIQ	157.5350, 30.7250, -33.7150

Conversions

Conversions Part 2

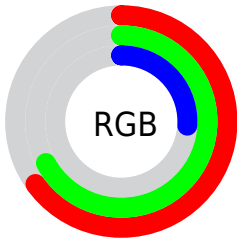
Format	Color
RYB	66, 171, 71
Decimal	10922818
CIELab	67.74, -15.79, 51.90
CIELCh	68, 54.245, 106.921
Yxy	37.6262, 0.3925, 0.4723
Android (android.graphics.Color)	4289112898 (0xFFA6AB42)
YUV	157.5350, -45.1268, 7.4238
Hunter-Lab	61.3402, -16.3432, 32.5294

Details

The Hex color **A6AB42** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4742AB**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **DFE276**, and **6F7705** is the 20% darker color. If you saturate the color by 10%, you get **A5AB31**, and if you desaturate by 10%, it is **A7AB53**.

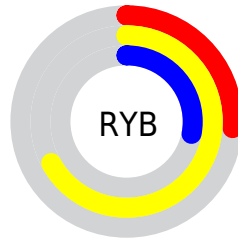
Distribution



Red (65%)

Green (67%)

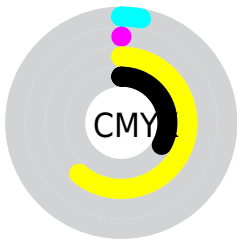
Blue (26%)



Red (26%)

Yellow (67%)

Blue (28%)

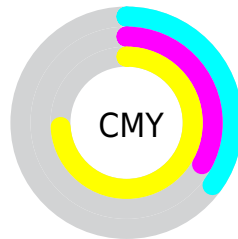


Cyan (3%)

Magenta (0%)

Yellow (61%)

Black (33%)



Cyan (35%)

Magenta (33%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6AB42 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 A6AB42 by changing the saturation by 10% instead.



A6AB42



A6AB42

FFFFFF



8A9127



DFE276



6F7705



FDF991



555E00



FFFFAD



3C4700



FFFFC9



223000



FFFEE5



021C00



000000



A6AB42



A6AB42



A5AB31



A7AB53

 A4AB20

 A8AB64

 A4AB0F

 A8AB75

 A3AB00

 A9AB86

 AAAB97

 ABABA9

 ACABBA

 ADABCB

 ADABDC

Harmonies

Analogous

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



D39B43



A6AB42



6EB65F

Triad

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



A6AB42



00BAEB



F47DBD

Complementary

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



A6AB42



4742AB

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.



CB8DE8



A6AB42



00B0FF

Square

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



A6AB42



00BDC0



83A1FF



FF7B8B

Rectangle

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



A6AB42



36BB7D



83A1FF



EA81CC

Sweetspot

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



A6AB42



DCDEB6



AB4642



6F7058



F0F0F0



707070

Same Dimension

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



A6AB42



D6DE3A



73AB42



56574E



8F9600



161700

Inverse Universe

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



4742AB



413ADE



7A42AB



4E4E57



070096



010017

Previews

White Background



This preview shows how the Hex color A6AB42 looks on a white background.

Color Contrast Check

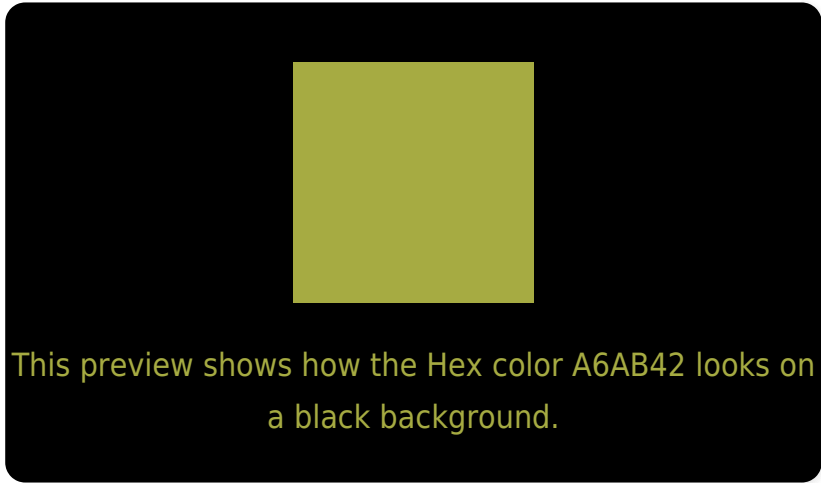
Large Text (above 18pt) WCAG AA × Fail

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 A6AB42 Background



This preview shows how black text looks on a background with the Hex color A6AB42.

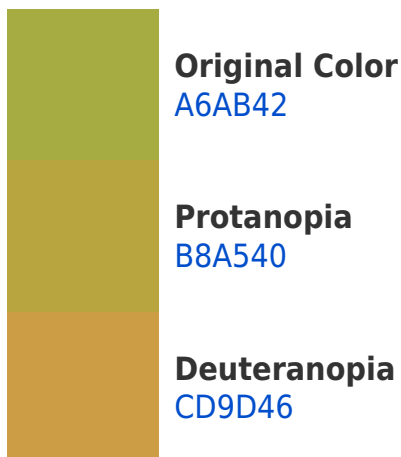


This preview shows how white text looks on a background with the Hex color A6AB42.

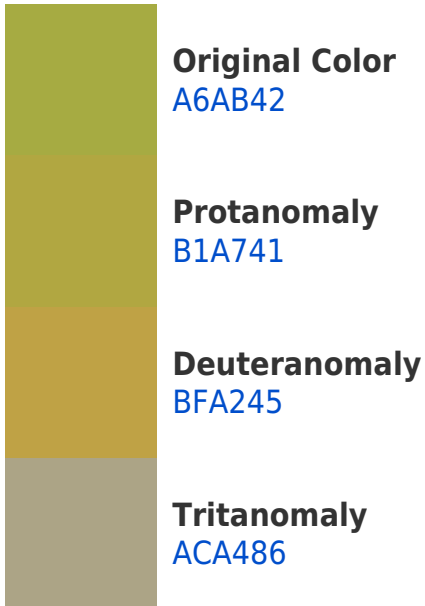
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6AB42 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 #A6AB42 looks like.

```
.text, #text, p{  
    color:#A6AB42  
}
```

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 #A6AB42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6AB42
}
```

Border

The CSS property to change the border of an element to Hex A6AB42 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
#A6AB42 }
```

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

```
.border{ border-color:#A6AB42 }
```

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

Here you see how a box with a 4 pixel #A6AB42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6AB42; -webkit-box-shadow:4px 4px  
4px 4px #A6AB42; box-shadow:4px 4px 4px  
4px #A6AB42 }
```

Background

The CSS property to change the background color of an element to Hex A6AB42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6AB42 }
```

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

```
.background{ background-color:#A6AB42 }
```

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