

Converting Colors

Hex(A6BB47)

Have a look what the booklet for
Hex(A6BB47) contains.

| | |
|--|----|
| Hex(A6BB47) | 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(A6BB47)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A6BB47 |
| RGB | 166, 187, 71 |
| RGB Percent | 65%, 73%, 28% |
| CMY | 0.3490, 0.2667, 0.7216 |
| CMYK | 0.11, 0.00, 0.62, 0.27 |
| HSL | 71°, 46%, 51% |
| HSV | 71°, 62%, 73% |
| XYZ | 34.6335, 44.1026, 12.6485 |
| YIQ | 167.4970, 24.7200, -40.5280 |

Conversions

Conversions Part 2

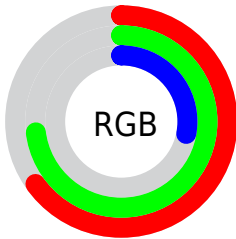
| Format | Color |
|-------------------------------------|---|
| RYB | 71, 187, 92 |
| Decimal | 10926919 |
| CIELab | 72.30, -23.46, 54.65 |
| CIELCh | 72, 59.474, 113.236 |
| Yxy | 44.1026, 0.3790, 0.4826 |
| Android (android.graphics.Color) | 4289116999 (0xFFA6BB47) |
| YUV | 167.4970, -47.5730, -1.3129 |
| Hunter-Lab | 66.4098, -23.1271, 35.1944 |

Details

The Hex color **A6BB47** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **5C47BB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **DFF37C**, and **6F860A** is the 20% darker color. If you saturate the color by 10%, you get **A3BB34**, and if you desaturate by 10%, it is **A9BB5A**.

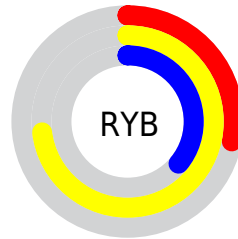
Distribution



Red (65%)

Green (73%)

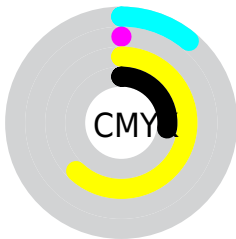
Blue (28%)



Red (28%)

Yellow (73%)

Blue (36%)

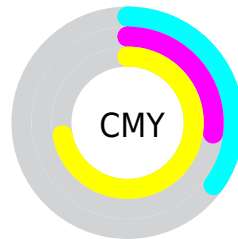


Cyan (11%)

Magenta (0%)

Yellow (62%)

Black (27%)



Cyan (35%)

Magenta (27%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6BB47 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 A6BB47 by changing the saturation by 10% instead.



A6BB47



A6BB47

FFFFFF



8AA02C



DFF37C



6F860A



FDF997



546D00



FFFB3



3B5400



FFF97



203D00



FFFE



032700



000F00



000000



A6BB47



A6BB47

 A3BB34

 A9BB5A

 9FBB22

 ADBB6C

 9CBB0F

 B0BB7F

 99BB00

 B4BB92

 B7BBA5

 BABBB7

 BEBBCA

 C1BBDD

 C4BBEF

Harmonies

Analogous

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



DAAA40



A6BB47



63C66D

Triad

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



A6BB47



00C7FF



FF82C0

Complementary

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



A6BB47



5C47BB

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.



E892F3



A6BB47



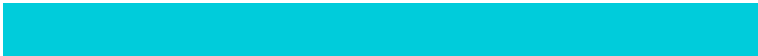
00BBFF

Square

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



A6BB47



00CCDB



9FA8FF



FF8489

Rectangle

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



A6BB47



00CA90



9FA8FF



FF86D2

Sweetspot

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



A6BB47



EAF2C4



BB5A47



757A5E



FAFAFA



7A7A7A

Same Dimension

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



A6BB47



D2F23F



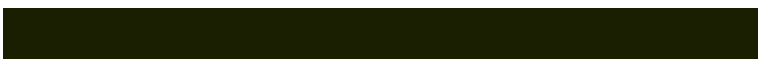
6EBB47



5D5E55



819E00



191F00

Inverse Universe

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



5C47BB



5F3FF2



9447BB



57555E



1D009E



06001F

Previews

White Background



This preview shows how the Hex color A6BB47 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



This preview shows how the Hex color A6BB47 looks on a 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 A6BB47 Background



This preview shows how black text looks on a background with the Hex color A6BB47.

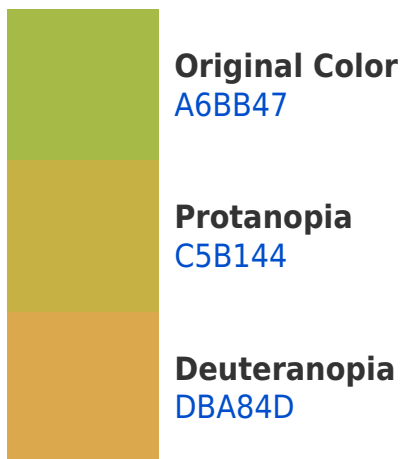


This preview shows how white text looks on a background with the Hex color A6BB47.

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](#).

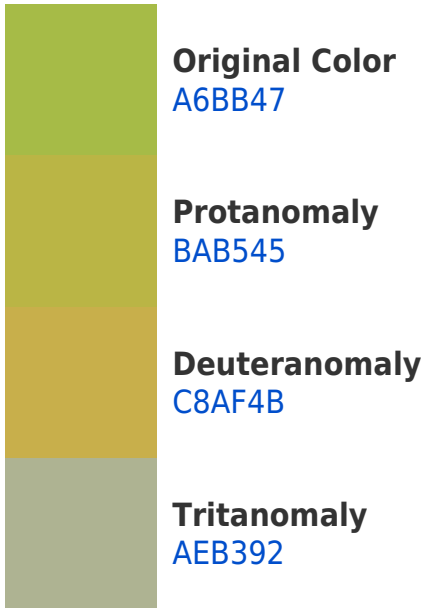
Dichromacy



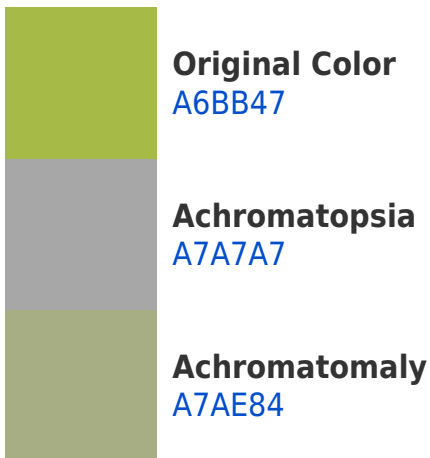


Tritanopia
B3AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6BB47 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 #A6BB47 looks like.

```
.text, #text, p{  
    color:#A6BB47  
}
```

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 #A6BB47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6BB47  
}
```

Border

The CSS property to change the border of an element to Hex A6BB47 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  
#A6BB47 }
```

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

```
.border{ border-color:#A6BB47 }
```

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

Here you see how a box with a 4 pixel #A6BB47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6BB47; -webkit-box-shadow:4px 4px  
4px 4px #A6BB47; box-shadow:4px 4px 4px  
4px #A6BB47 }
```

Background

The CSS property to change the background color of an element to Hex A6BB47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6BB47 }
```

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

```
.background{ background-color:#A6BB47 }
```

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