

# Converting Colors

Hex(A6BA47)

Have a look what the booklet for  
Hex(A6BA47) contains.

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**Color**

**Hex(A6BA47)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A6BA47
RGB	166, 186, 71
RGB Percent	65%, 73%, 28%
CMY	0.3490, 0.2706, 0.7216
CMYK	0.11, 0.00, 0.62, 0.27
HSL	70°, 45%, 50%
HSV	70°, 62%, 73%
XYZ	34.4221, 43.6797, 12.5780
YIQ	166.9100, 24.9950, -40.0050

# Conversions

## Conversions Part 2

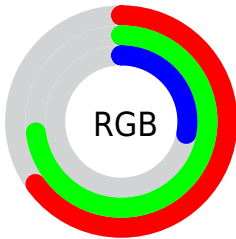
Format	Color
<a href="#">RYB</a>	<a href="#">71, 186, 91</a>
Decimal	<a href="#">10926663</a>
CIELab	<a href="#">72.01, -22.97, 54.34</a>
CIELCh	<a href="#">72, 58.999, 112.914</a>
Yxy	<a href="#">43.6797, 0.3796, 0.4817</a>
Android (android.graphics.Color)	<a href="#">4289116743 (0xFFA6BA47)</a>
YUV	<a href="#">166.9100, -47.2836, -0.7981</a>
Hunter-Lab	<a href="#">66.0906, -22.6901, 34.9797</a>

# Details

The Hex color **A6BA47** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **5B47BA**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **DFF27C**, and **6F850A** is the 20% darker color. If you saturate the color by 10%, you get **A3BA34**, and if you desaturate by 10%, it is **A9BA5A**.

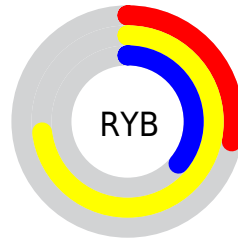
# Distribution



Red (65%)

Green (73%)

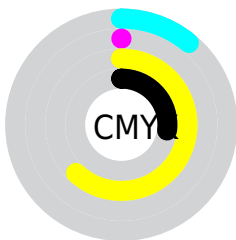
Blue (28%)



Red (28%)

Yellow (73%)

Blue (36%)

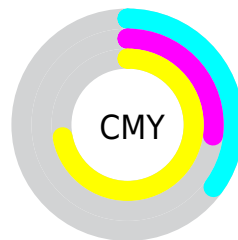


Cyan (11%)

Magenta (0%)

Yellow (62%)

Black (27%)



Cyan (35%)

Magenta (27%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6BA47 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 A6BA47 by changing the saturation by 10% instead.





A6BA47



A6BA47

FFFFFF



8A9F2C



DFF27C



6F850A



FDF997



556C00



FFFB3



3B5300



FFF97



203C00



FFFE



042600



000D00



000000



A6BA47



A6BA47

 A3BA34

 A9BA5A

 A0BA22

 ACBA6C

 9CBA0F

 B0BA7F

 9ABA00

 B3BA91

 B6BAA4

 B9BAB7

 BDBAC9

 C0BADC

 C3BAEE

# Harmonies

## Analogous

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



DAA940



A6BA47



64C56D

# Triad

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



A6BA47



00C6FF



FF82C0

# Complementary

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



A6BA47



5B47BA

# 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.



E691F2



A6BA47



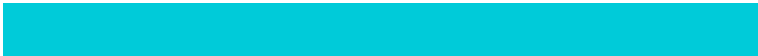
00BAFF

# Square

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



A6BA47



00CBD9



9DA7FF



FF848A

# Rectangle

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



A6BA47



00C98F



9DA7FF



FF86D2



# Sweetspot

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



A6BA47



EAF2C4



BA5A47



767A5E



FAFAFA



7A7A7A



# Same Dimension

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



A6BA47



D3F23F



6DBA47



5A5C53



809C00



171C00



# Inverse Universe

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



5B47BA



5E3FF2



9447BA



54535C



1B009C



05001C



# Previews

## White Background



This preview shows how the Hex color A6BA47 looks on a white background.

## Color Contrast Check

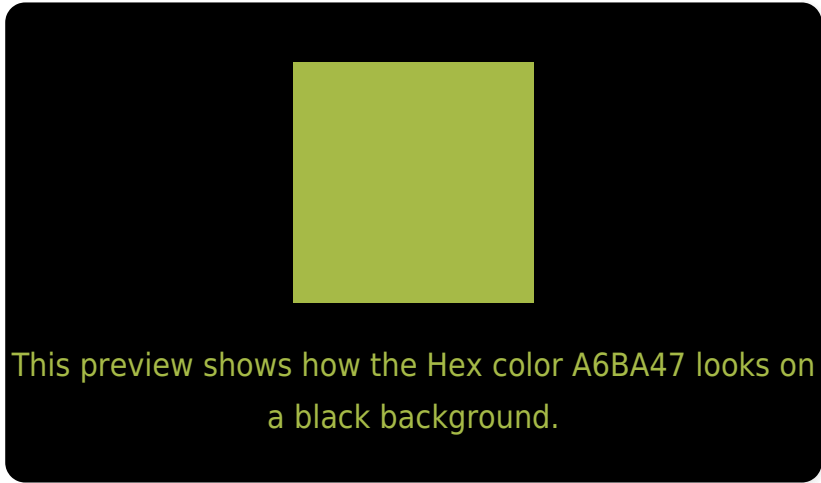
Large Text (above 18pt) WCAG AA × Fail

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 A6BA47 Background



This preview shows how black text looks on a background with the Hex color A6BA47.



This preview shows how white text looks on a background with the Hex color A6BA47.

# 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



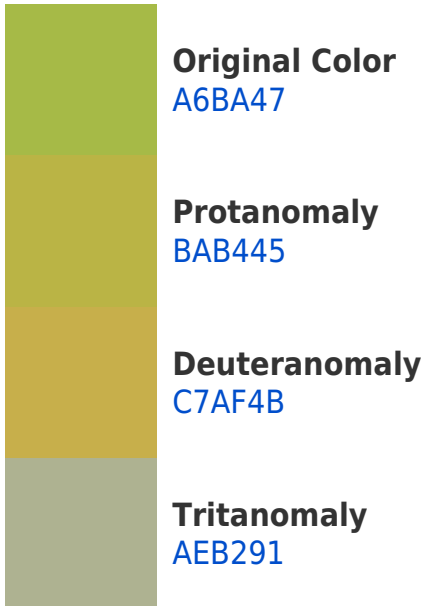
**Original Color**  
A6BA47

**Protanopia**  
C5B044

**Deuteranopia**  
DAA84D



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6BA47 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 #A6BA47 looks like.

```
.text, #text, p{  
    color:#A6BA47  
}
```

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 #A6BA47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6BA47
}
```

## Border

The CSS property to change the border of an element to Hex A6BA47 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
#A6BA47 }
```

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

```
.border{ border-color:#A6BA47 }
```

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

Here you see how a box with a 4 pixel #A6BA47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6BA47; -webkit-box-shadow:4px 4px  
4px 4px #A6BA47; box-shadow:4px 4px 4px  
4px #A6BA47 }
```

# Background

The CSS property to change the background color of an element to Hex A6BA47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6BA47 }
```

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

```
.background{ background-color:#A6BA47 }
```

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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