

Converting Colors

Hex(A6CA48)

Have a look what the booklet for
Hex(A6CA48) contains.

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Color

Hex(A6CA48)

Conversions

Conversions Part 1

Format	Color
Hex	A6CA48
RGB	166, 202, 72
RGB Percent	65%, 79%, 28%
CMY	0.3490, 0.2078, 0.7176
CMYK	0.18, 0.00, 0.64, 0.21
HSL	77°, 55%, 54%
HSV	77°, 64%, 79%
XYZ	38.0161, 50.8159, 13.9357
YIQ	176.4160, 20.2740, -48.0620

Conversions

Conversions Part 2

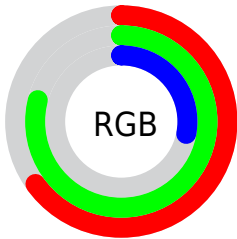
Format	Color
RYB	72, 202, 108
Decimal	10930760
CIELab	76.57, -30.60, 58.81
CIELCh	77, 66.295, 117.492
Yxy	50.8159, 0.3699, 0.4945
Android (android.graphics.Color)	4289120840 (0xFFA6CA48)
YUV	176.4160, -51.4771, -9.1348
Hunter-Lab	71.2853, -29.5560, 38.3090

Details

The Hex color **A6CA48** 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 **6C48CA**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **E0FF7E**, and **6F9405** is the 20% darker color. If you saturate the color by 10%, you get **A0CA34**, and if you desaturate by 10%, it is **ACCA5C**.

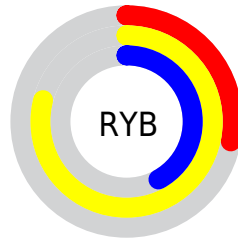
Distribution



Red (65%)

Green (79%)

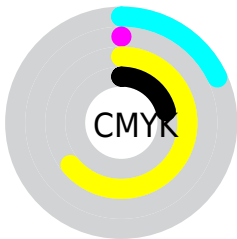
Blue (28%)



Red (28%)

Yellow (79%)

Blue (42%)

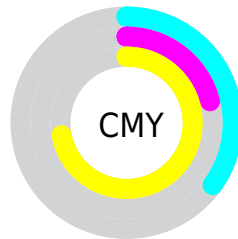


Cyan (18%)

Magenta (0%)

Yellow (64%)

Black (21%)



Cyan (35%)

Magenta (21%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6CA48 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 A6CA48 by changing the saturation by 10% instead.



A6CA48



A6CA48

FFFFFF



8AAF2C



E0FF7E



6F9405



FDF9A



537A00



FFFFB6



396100



FFFFD2



1D4900



FFFFEF



003200



001F00



000000



A6CA48



A6CA48

 A0CA34

 ACCA5C

 9BCA20

 B1CA70

 95CA0B

 B7CA85

 92CA00

 BCCA99

 C2CAAD

 C8CAC1

 CDCAD5

 D3CAEA

 D8CAFE

Harmonies

Analogous

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



E2B839



A6CA48



52D578

Triad

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



A6CA48



00D4FF



FF85C5

Complementary

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



A6CA48



6C48CA

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.



FF95FF



A6CA48



00C5FF

Square

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



A6CA48



00DAF4



B6AFFF



FF8B88

Rectangle

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



A6CA48



00D9A0



B6AFFF



FF89D9

Sweetspot

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



A6CA48



F2FFCF



CA6B48



778062



000000



808080

Same Dimension

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



A6CA48



C9FF3B



66CA48



63665C



78A600



1C2600

Inverse Universe

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



6C48CA



713BFF



AC48CA



5F5C66



2E00A6



0B0026

Previews

White Background



This preview shows how the Hex color A6CA48 looks on a white background.

Color Contrast Check

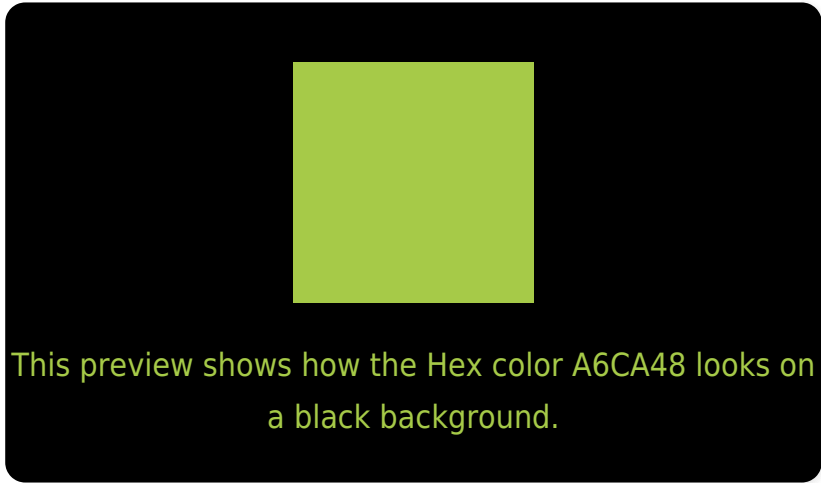
Large Text (above 18pt) WCAG AA × Fail

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 A6CA48 Background



This preview shows how black text looks on a background with the Hex color A6CA48.

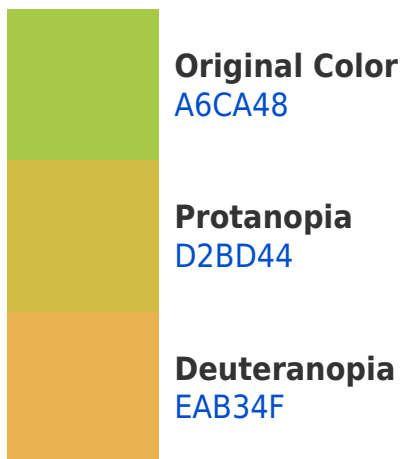


This preview shows how white text looks on a background with the Hex color A6CA48.

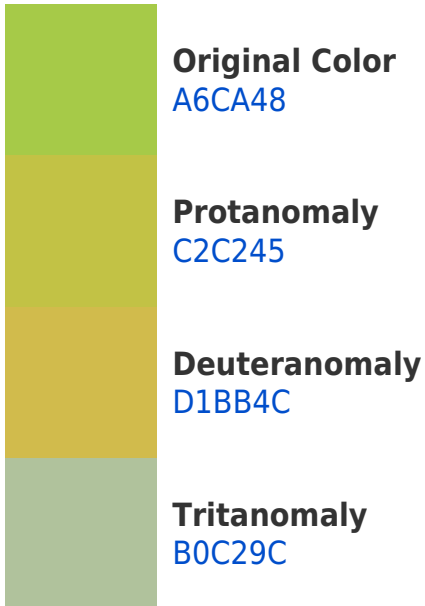
Color Blindness Simulation

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](#).

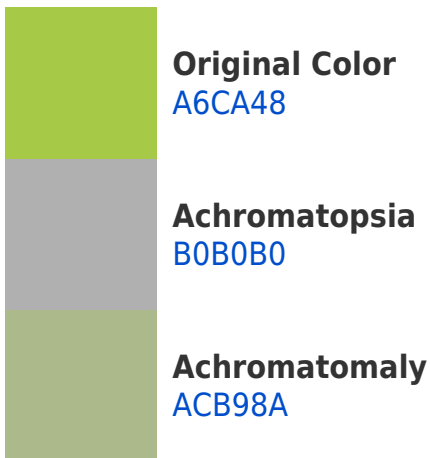
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6CA48 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 #A6CA48 looks like.

```
.text, #text, p{  
    color:#A6CA48  
}
```

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 #A6CA48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6CA48
}
```

Border

The CSS property to change the border of an element to Hex A6CA48 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
#A6CA48 }
```

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

```
.border{ border-color:#A6CA48 }
```

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

Here you see how a box with a 4 pixel #A6CA48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6CA48; -webkit-box-shadow:4px 4px  
4px 4px #A6CA48; box-shadow:4px 4px 4px  
4px #A6CA48 }
```

Background

The CSS property to change the background color of an element to Hex A6CA48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6CA48 }
```

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

```
.background{ background-color:#A6CA48 }
```

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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