

Converting Colors

Hex(A0B742)

Have a look what the booklet for
Hex(A0B742) contains.

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Color

Hex(A0B742)

Conversions

Conversions Part 1

Format	Color
Hex	A0B742
RGB	160, 183, 66
RGB Percent	63%, 72%, 26%
CMY	0.3725, 0.2824, 0.7412
CMYK	0.13, 0.00, 0.64, 0.28
HSL	72°, 47%, 49%
HSV	72°, 64%, 72%
XYZ	32.4141, 41.7339, 11.5013
YIQ	162.7850, 23.8490, -41.2630

Conversions

Conversions Part 2

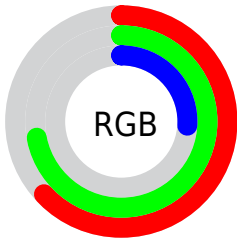
Format	Color
RYB	66, 183, 89
Decimal	10532674
CIELab	70.69, -24.32, 54.92
CIELCh	71, 60.063, 113.887
Yxy	41.7339, 0.3785, 0.4873
Android (android.graphics.Color)	4288722754 (0xFFA0B742)
YUV	162.7850, -47.7150, -2.4424
Hunter-Lab	64.6018, -23.4904, 34.6656

Details

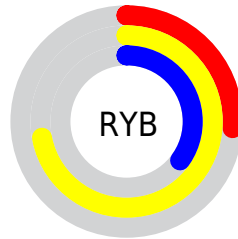
The Hex color **A0B742** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **5942B7**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D9EF77**, and **698200** is the 20% darker color. If you saturate the color by 10%, you get **9CB730**, and if you desaturate by 10%, it is **A4B754**.

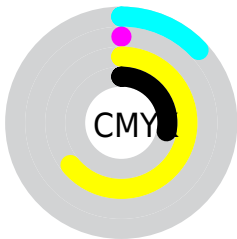
Distribution



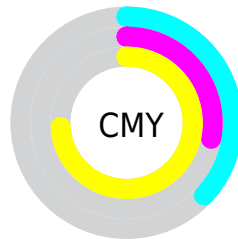
- Red (63%)
- Green (72%)
- Blue (26%)



- Red (26%)
- Yellow (72%)
- Blue (35%)



- Cyan (13%)
- Magenta (0%)
- Yellow (64%)
- Black (28%)



- Cyan (37%)
- Magenta (28%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color A0B742 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 A0B742 by changing the saturation by 10% instead.



A0B742



A0B742

FFFFFF



849C26



D9EF77



698200



F6FF92



4F6900



FFFFAE



355100



FFFFCA



1A3A00



FFFFEE



002400



000500



000000



A0B742



A0B742

 9CB730

 A4B754

 99B71D

 A7B767

 95B70B

 ABB779

 93B700

 AEB78B

 B2B79E

 B6B7B0

 B9B7C2

 BDB7D4

 C0B7E7

Harmonies

Analogous

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



D5A63A



A0B742



5BC26A

Triad

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



A0B742



00C2FF



FF7DBB

Complementary

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



A0B742



5942B7

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.



E58CEE



A0B742



00B6FF

Square

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



A0B742



00C7D8



9CA3FF



FF7F84

Rectangle

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



A0B742



00C68D



9CA3FF



FF80CD

Sweetspot

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



A0B742



E4EDC0



B75742



72785C



F7F7F7



787878

Same Dimension

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



A0B742



C9ED37



67B742



5A5C53



7D9C00



171C00

Inverse Universe

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



5942B7



5A37ED



9242B7



54535C



1F009C



06001C

Previews

White Background



This preview shows how the Hex color A0B742 looks on a white background.

Color Contrast Check

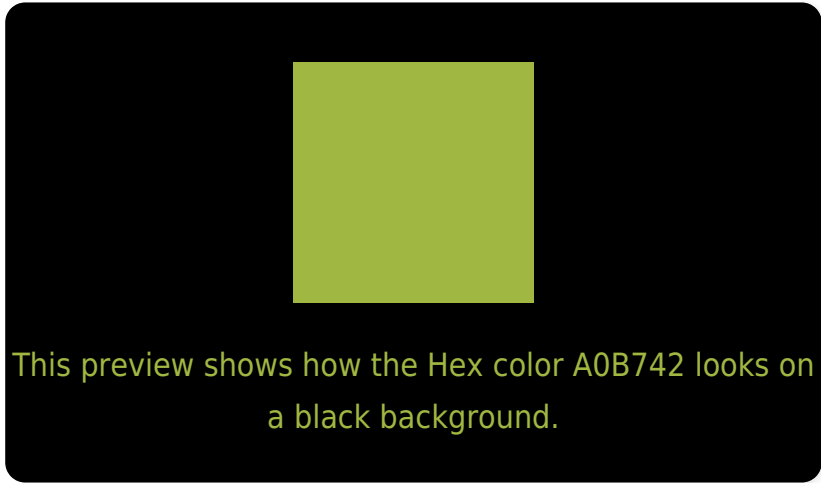
Large Text (above 18pt) WCAG AA × Fail

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 A0B742 Background



This preview shows how black text looks on a background with the Hex color A0B742.

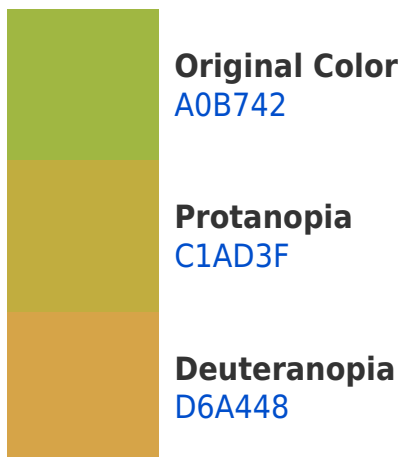


This preview shows how white text looks on a background with the Hex color A0B742.

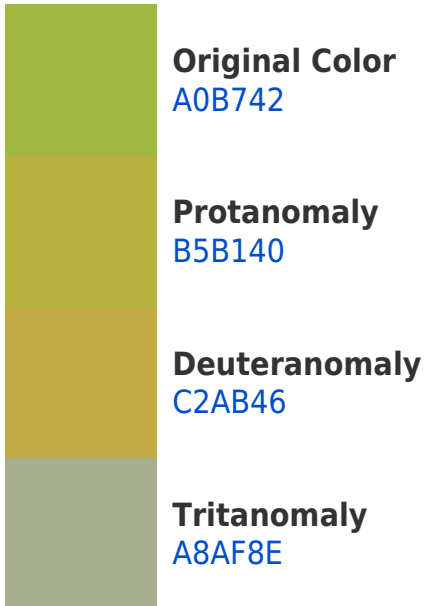
Color Blindness Simulation

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](#).

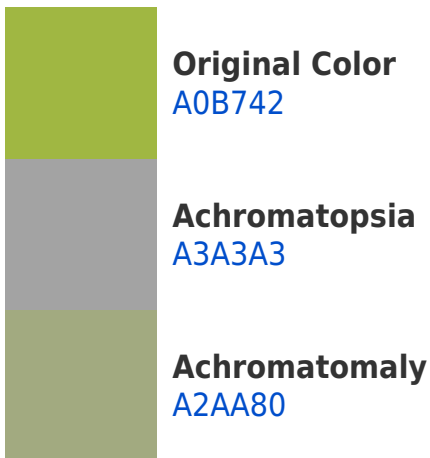
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A0B742 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 #A0B742 looks like.

```
.text, #text, p{  
    color:#A0B742  
}
```

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 #A0B742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0B742
}
```

Border

The CSS property to change the border of an element to Hex A0B742 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
#A0B742 }
```

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

```
.border{ border-color:#A0B742 }
```

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

Here you see how a box with a 4 pixel #A0B742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0B742; -webkit-box-shadow:4px 4px  
4px 4px #A0B742; box-shadow:4px 4px 4px  
4px #A0B742 }
```

Background

The CSS property to change the background color of an element to Hex A0B742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0B742 }
```

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

```
.background{ background-color:#A0B742 }
```

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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