

Converting Colors

Hex(A6A851)

Have a look what the booklet for
Hex(A6A851) contains.

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Color

Hex(A6A851)

Conversions

Conversions Part 1

Format	Color
Hex	A6A851
RGB	166, 168, 81
RGB Percent	65%, 66%, 32%
CMY	0.3490, 0.3412, 0.6824
CMYK	0.01, 0.00, 0.52, 0.34
HSL	61°, 35%, 49%
HSV	61°, 52%, 66%
XYZ	31.2137, 36.7063, 13.2245
YIQ	157.4840, 26.7350, -27.4810

Conversions

Conversions Part 2

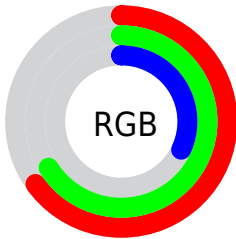
Format	Color
RYB	81, 168, 83
Decimal	10922065
CIELab	67.06, -13.04, 44.15
CIELCh	67, 46.039, 106.451
Yxy	36.7063, 0.3847, 0.4524
Android (android.graphics.Color)	4289112145 (0xFFA6A851)
YUV	157.4840, -37.7066, 7.4685
Hunter-Lab	60.5858, -14.0620, 29.4684

Details

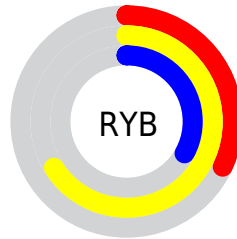
The Hex color **A6A851** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5351A8**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **DFDF85**, and **70741E** is the 20% darker color. If you saturate the color by 10%, you get **A6A840**, and if you desaturate by 10%, it is **A6A862**.

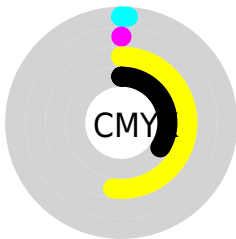
Distribution



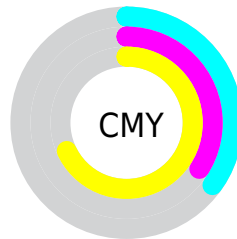
- Red (65%)
- Green (66%)
- Blue (32%)



- Red (32%)
- Yellow (66%)
- Blue (33%)



- Cyan (1%)
- Magenta (0%)
- Yellow (52%)
- Black (34%)



- Cyan (35%)
- Magenta (34%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6A851 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 A6A851 by changing the saturation by 10% instead.



A6A851



A6A851

FFFFFF



8B8E38



DFD885



70741E



FCFC80



565C00



FFFF80



3D4400



FFFF80



242E00



FFFF80



061A00



000000



A6A851



A6A851



A6A840



A6A862

 A5A82F

 A7A873

 A5A81F

 A7A883

 A4A80E

 A8A894

 A4A800

 A8A8A5

 A8A8B6

 A9A8C7

 A9A8D7

 A9A8E8

Harmonies

Analogous

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



CC9A52



A6A851



77B268

Triad

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



A6A851



00B5DE



E783B8

Complementary

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



A6A851



5351A8

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.



C490DD



A6A851



23ADF3

Square

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



A6A851



00B9B9



88A0F3



F2828E

Rectangle

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



A6A851



50B681



88A0F3



DE86C5

Sweetspot

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



A6A851



DADBB8



A85251



6D6E59



EDEDED



6E6E6E

Same Dimension

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



A6A851



D8DB53



7BA851



54544C



919400



141400

Inverse Universe

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



5351A8



5653DB



7E51A8



4C4C54



030094



000014

Previews

White Background



This preview shows how the Hex color A6A851 looks on a white background.

Color Contrast Check

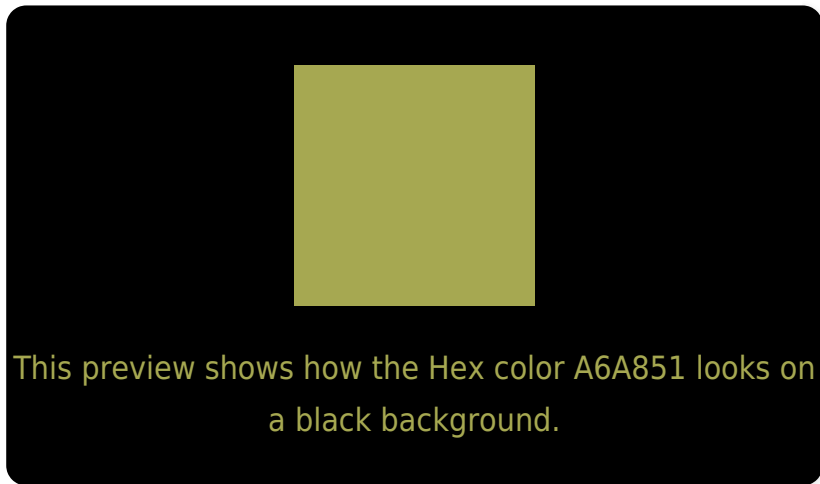
Large Text (above 18pt) WCAG AA × Fail

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

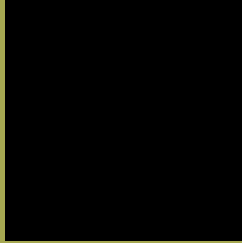
Any Text WCAG AA ✓ Pass

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 A6A851 Background



This preview shows how black text looks on a background with the Hex color A6A851.

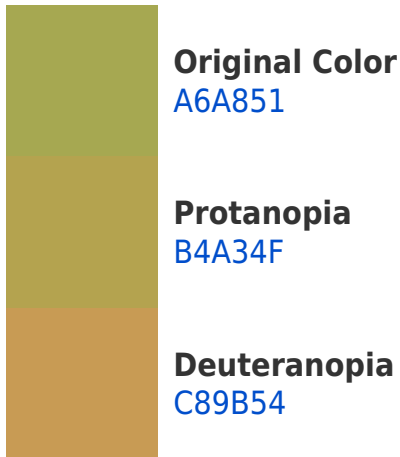


This preview shows how white text looks on a background with the Hex color A6A851.

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](#).

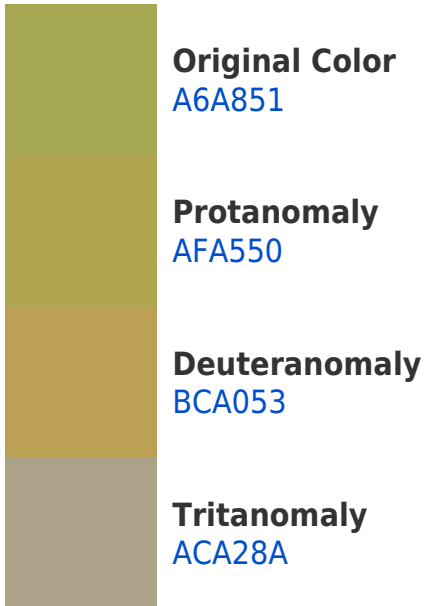
Dichromacy





Tritanopia
AF9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6A851 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 #A6A851 looks like.

```
.text, #text, p{  
    color:#A6A851  
}
```

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 #A6A851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6A851
}
```

Border

The CSS property to change the border of an element to Hex A6A851 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
#A6A851 }
```

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

```
.border{ border-color:#A6A851 }
```

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

Here you see how a box with a 4 pixel #A6A851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6A851; -webkit-box-shadow:4px 4px  
4px 4px #A6A851; box-shadow:4px 4px 4px  
4px #A6A851 }
```

Background

The CSS property to change the background color of an element to Hex A6A851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6A851 }
```

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

```
.background{ background-color:#A6A851 }
```

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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