

Converting Colors

Hex(A6B238)

Have a look what the booklet for
Hex(A6B238) contains.

| | |
|--|----|
| Hex(A6B238) | 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(A6B238)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A6B238 |
| RGB | 166, 178, 56 |
| RGB Percent | 65%, 70%, 22% |
| CMY | 0.3490, 0.3020, 0.7804 |
| CMYK | 0.07, 0.00, 0.69, 0.30 |
| HSL | 66°, 52%, 46% |
| HSV | 66°, 69%, 70% |
| XYZ | 32.3601, 40.2333, 9.8016 |
| YIQ | 160.5040, 32.0100, -40.4860 |

Conversions

Conversions Part 2

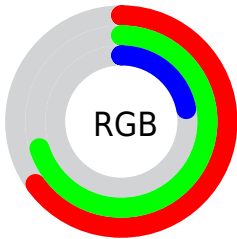
| Format | Color |
|-------------------------------------|--|
| RYB | 56, 178, 68 |
| Decimal | 10924600 |
| CIELab | 69.64, -19.98, 58.01 |
| CIELCh | 70, 61.358, 109.007 |
| Yxy | 40.2333, 0.3927, 0.4883 |
| Android (android.graphics.Color) | 4289114680 (0xFFA6B238) |
| YUV | 160.5040, -51.5205, 4.8200 |
| Hunter-Lab | 63.4297, -19.9363, 35.2389 |

Details

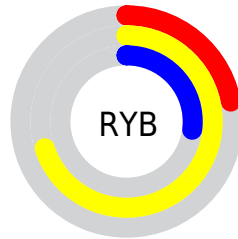
The Hex color **A6B238** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4438B2**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **E0EA6E**, and **6F7D00** is the 20% darker color. If you saturate the color by 10%, you get **A4B226**, and if you desaturate by 10%, it is **A8B24A**.

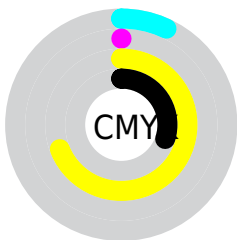
Distribution



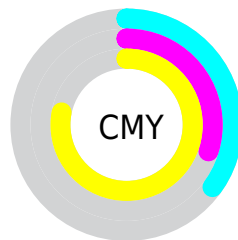
- Red (65%)
- Green (70%)
- Blue (22%)



- Red (22%)
- Yellow (70%)
- Blue (27%)



- Cyan (7%)
- Magenta (0%)
- Yellow (69%)
- Black (30%)



- Cyan (35%)
- Magenta (30%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6B238 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 A6B238 by changing the saturation by 10% instead.

 A6B238

 A6B238

FFFFFF

 8A971A

 E0EA6E

 6F7D00

 FDF889

 546500

 FFFFA5

 3A4D00

 FFFFC1

 203600

 FFFFDE

 022100

 FFFFFB

 000000

 A6B238

 A6B238

 A4B226

 A8B24A

 A2B214

 AAB25C

 A1B203

 ABB26D

 A0B200

 ADB27F

 AFB291

 B1B2A3

 B2B2B5

 B4B2C6

 B6B2D8

Harmonies

Analogous

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



D9A036



A6B238



64BE5D

Triad

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



A6B238



00C1FD



FF7AC1

Complementary

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



A6B238



4438B2

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.



DA8CF4



A6B238



00B6FF

Square

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



A6B238



00C5CD



87A4FF



FF7989

Rectangle

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



A6B238



00C280



87A4FF



FB7FD3

Sweetspot

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



A6B238



E3E8B7



B24238



727558



F5F5F5



757575

Same Dimension

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



A6B238



D5E82A



6BB238



585950



8A9900



171A00

Inverse Universe

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



4438B2



3C2AE8



7F38B2



515059



0F0099



03001A

Previews

White Background



This preview shows how the Hex color A6B238 looks on a white background.

Color Contrast Check

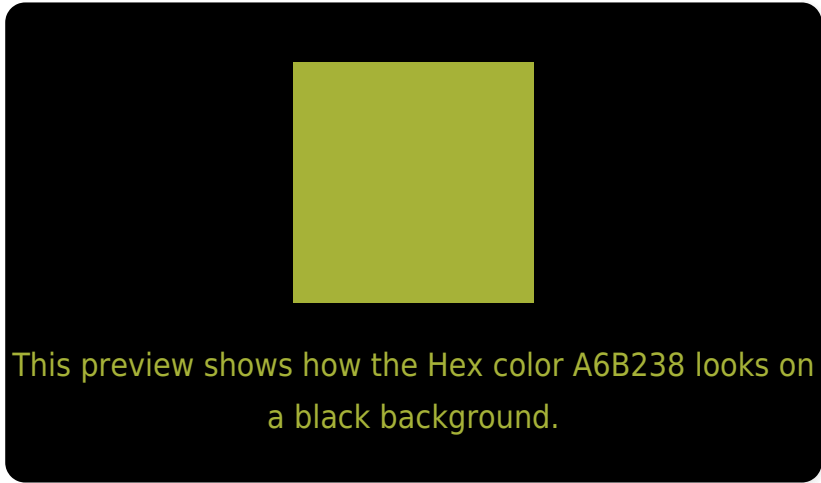
Large Text (above 18pt) WCAG AA × Fail

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 A6B238 Background



This preview shows how black text looks on a background with the Hex color A6B238.

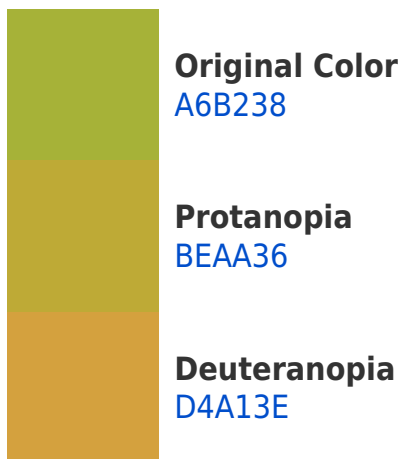


This preview shows how white text looks on a background with the Hex color A6B238.

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](#).

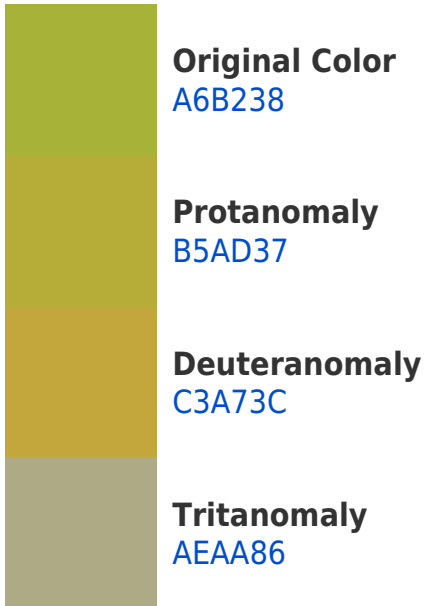
Dichromacy



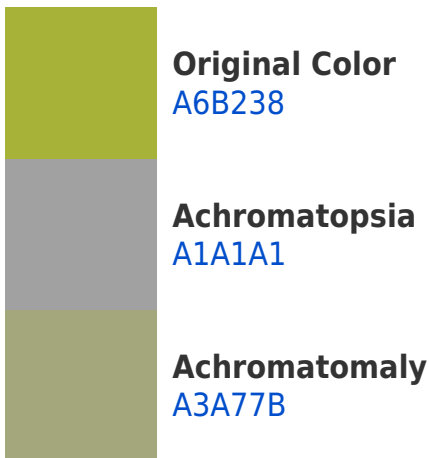


Tritanopia
B2A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6B238 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 #A6B238 looks like.

```
.text, #text, p{  
    color:#A6B238  
}
```

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 #A6B238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6B238
}
```

Border

The CSS property to change the border of an element to Hex A6B238 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
#A6B238 }
```

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

```
.border{ border-color:#A6B238 }
```

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

Here you see how a box with a 4 pixel #A6B238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6B238; -webkit-box-shadow:4px 4px  
4px 4px #A6B238; box-shadow:4px 4px 4px  
4px #A6B238 }
```

Background

The CSS property to change the background color of an element to Hex A6B238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6B238 }
```

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

```
.background{ background-color:#A6B238 }
```

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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