

Converting Colors

Hex(A1B830)

Have a look what the booklet for
Hex(A1B830) contains.

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Color

Hex(A1B830)

Conversions

Conversions Part 1

Format	Color
Hex	A1B830
RGB	161, 184, 48
RGB Percent	63%, 72%, 19%
CMY	0.3686, 0.2784, 0.8118
CMYK	0.13, 0.00, 0.74, 0.28
HSL	70°, 59%, 45%
HSV	70°, 74%, 72%
XYZ	32.3719, 42.0714, 9.2107
YIQ	161.6190, 29.9480, -47.1720

Conversions

Conversions Part 2

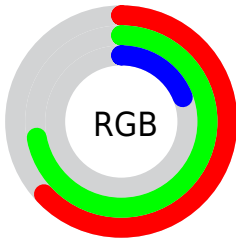
Format	Color
RYB	48, 184, 71
Decimal	10598448
CIELab	70.92, -25.48, 62.07
CIELCh	71, 67.092, 112.318
Yxy	42.0714, 0.3870, 0.5029
Android (android.graphics.Color)	4288788528 (0xFFA1B830)
YUV	161.6190, -56.0142, -0.5429
Hunter-Lab	64.8625, -24.4226, 36.9843

Details

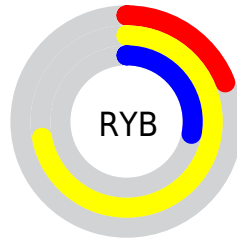
The Hex color **A1B830** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4730B8**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **DBF068**, and **698300** is the 20% darker color. If you saturate the color by 10%, you get **9EB81E**, and if you desaturate by 10%, it is **A4B842**.

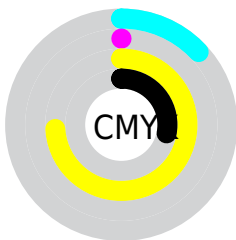
Distribution



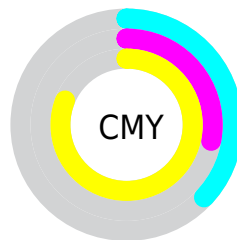
- Red (63%)
- Green (72%)
- Blue (19%)



- Red (19%)
- Yellow (72%)
- Blue (28%)



- Cyan (13%)
- Magenta (0%)
- Yellow (74%)
- Black (28%)



- Cyan (37%)
- Magenta (28%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color A1B830 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 A1B830 by changing the saturation by 10% instead.

 A1B830

 A1B830

FFFFFF

 859D0B

 DBF068

 698300

 F8FF83

 4F6A00

 FFFF9F

 345200

 FFFFBB

 183A00

 FFFFD8

 002500

 FFFFF5

 000600

 000000

 A1B830

 A1B830

■ 9EB81E

■ A4B842

■ 9BB80B

■ A7B855

■ 99B800

■ AAB867

■ ADB87A

■ B1B88C

■ B4B89E

■ B7B8B1

■ BAB8C3

■ BDB8D6

Harmonies

Analogous

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



DBA528



A1B830



52C45F

Triad

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



A1B830



00C6FF



FF75C0

Complementary

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



A1B830



4730B8

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.



E889F9



A1B830



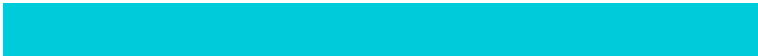
00B9FF

Square

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



A1B830



00CBDA



92A4FF



FF7883

Rectangle

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



A1B830



00C886



92A4FF



FF7AD4

Sweetspot

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



A1B830



E7F0BB



B84730



737859



F7F7F7



787878

Same Dimension

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



A1B830



CCF01A



5DB830



5A5C53



819C00



171C00

Inverse Universe

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



4730B8



3E1AF0



8B30B8



54535C



1A009C



05001C

Previews

White Background



This preview shows how the Hex color A1B830 looks on a white background.

Color Contrast Check

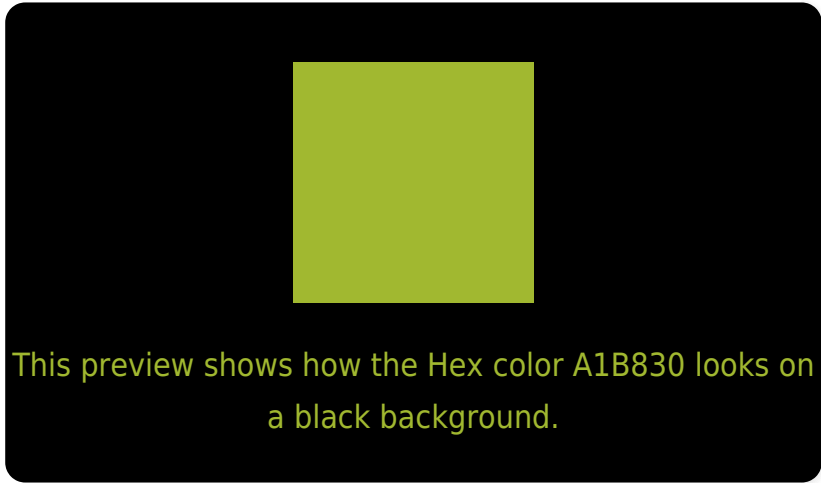
Large Text (above 18pt) WCAG AA × Fail

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 A1B830 Background



This preview shows how black text looks on a background with the Hex color A1B830.



This preview shows how white text looks on a background with the Hex color A1B830.

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

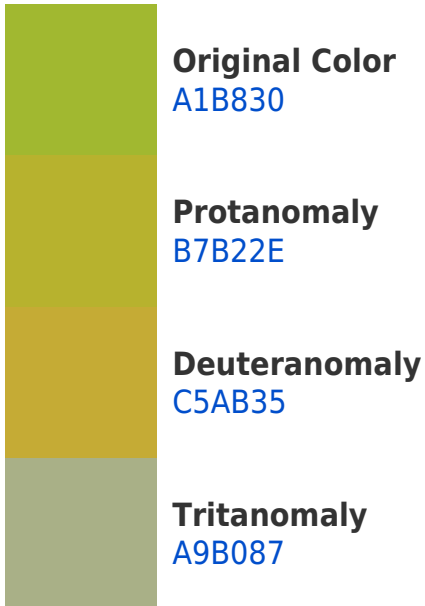


Original Color
A1B830

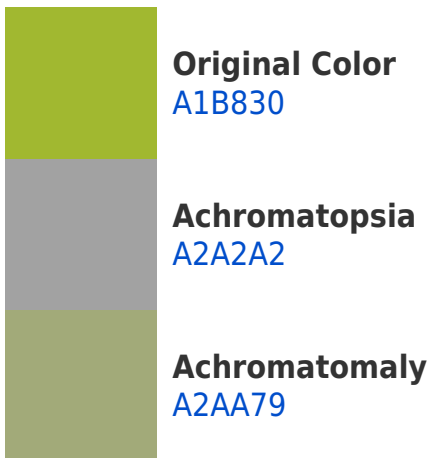
Protanopia
C3AE2D

Deuteranopia
D9A438

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A1B830 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 #A1B830 looks like.

```
.text, #text, p{  
    color:#A1B830  
}
```

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 #A1B830 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1B830
}
```

Border

The CSS property to change the border of an element to Hex A1B830 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
#A1B830 }
```

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

```
.border{ border-color:#A1B830 }
```

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

Here you see how a box with a 4 pixel #A1B830 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1B830; -webkit-box-shadow:4px 4px  
4px 4px #A1B830; box-shadow:4px 4px 4px  
4px #A1B830 }
```

Background

The CSS property to change the background color of an element to Hex A1B830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1B830 }
```

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

```
.background{ background-color:#A1B830 }
```

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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