

# Converting Colors

Hex(A1B83B)

Have a look what the booklet for  
Hex(A1B83B) contains.

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**Color**

**Hex(A1B83B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1B83B
RGB	161, 184, 59
RGB Percent	63%, 72%, 23%
CMY	0.3686, 0.2784, 0.7686
CMYK	0.13, 0.00, 0.68, 0.28
HSL	71°, 51%, 48%
HSV	71°, 68%, 72%
XYZ	32.6278, 42.1738, 10.5584
YIQ	162.8730, 26.4170, -43.7510

# Conversions

## Conversions Part 2

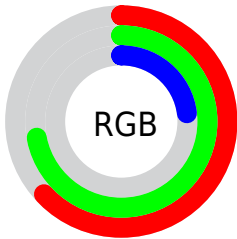
Format	Color
<b>RYB</b>	59, 184, 82
Decimal	10598459
CIELab	70.99, -24.86, 58.10
CIELCh	71, 63.196, 113.169
Yxy	42.1738, 0.3822, 0.4941
Android (android.graphics.Color)	4288788539 (0xFFA1B83B)
YUV	162.8730, -51.2094, -1.6426
Hunter-Lab	64.9414, -23.9654, 35.8194

# Details

The Hex color **A1B83B** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **523BB8**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **DAF071**, and **6A8300** is the 20% darker color. If you saturate the color by 10%, you get **9EB829**, and if you desaturate by 10%, it is **A4B84D**.

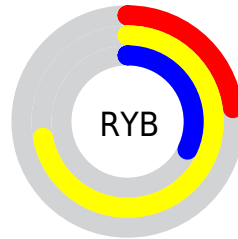
# Distribution



Red (63%)

Green (72%)

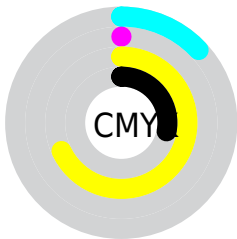
Blue (23%)



Red (23%)

Yellow (72%)

Blue (32%)

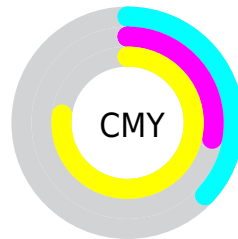


Cyan (13%)

Magenta (0%)

Yellow (68%)

Black (28%)



Cyan (37%)

Magenta (28%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1B83B 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 A1B83B by changing the saturation by 10% instead.





A1B83B



A1B83B

FFFFFF



859D1D



DAF071



6A8300



F8FF8C



4F6A00



FFFFA8



355200



FFFFC4



1A3A00



FFFFE1



002500

FFFFFFE



000700



000000



A1B83B



A1B83B

 9EB829

 A4B84D

 9AB816

 A8B860

 97B804

 ABB872

 96B800

 AFB885

 B2B897

 B5B8A9

 B9B8BC

 BCB8CE

 BFB8E1

# Harmonies

## Analogous

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



D8A633



A1B83B



58C365

# Triad

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



A1B83B



00C4FF



FF7ABD

# Complementary

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



A1B83B



523BB8

# 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.



E78CF4



A1B83B



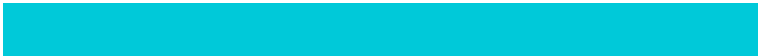
00B8FF

# Square

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



A1B83B



00C9D9



98A4FF



FF7D84

# Rectangle

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



A1B83B



00C88A



98A4FF



FF7ED1



# Sweetspot

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



A1B83B



E7F0C0



B8523B



73785B



F7F7F7



787878



# Same Dimension

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



A1B83B



CCF02B



63B83B



5A5C53



7F9C00



171C00



# Inverse Universe

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



523BB8



4F2BF0



903BB8



54535C



1D009C



05001C



# Previews

## White Background



This preview shows how the Hex color A1B83B looks on a white background.

## Color Contrast Check

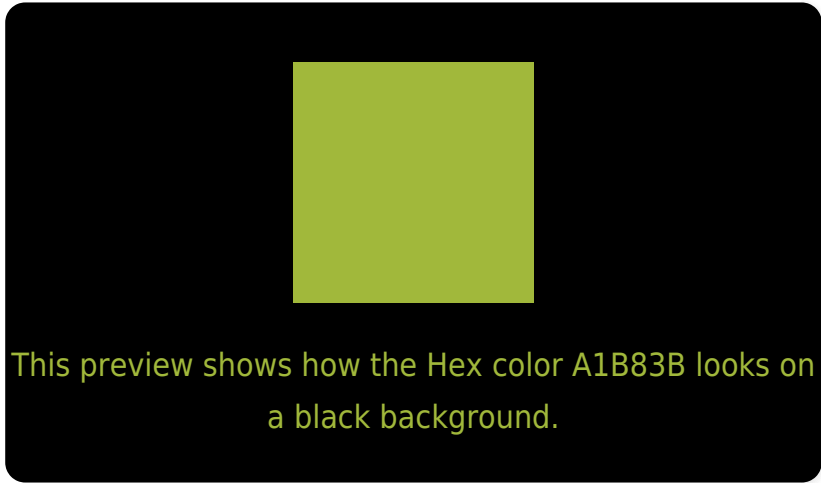
Large Text (above 18pt) WCAG AA × Fail

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 A1B83B Background



This preview shows how black text looks on a background with the Hex color A1B83B.

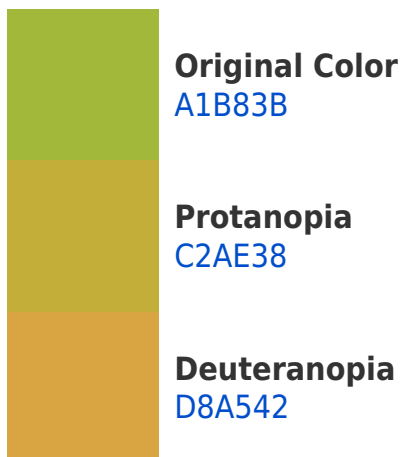


This preview shows how white text looks on a background with the Hex color A1B83B.

# Color Blindness Simulation

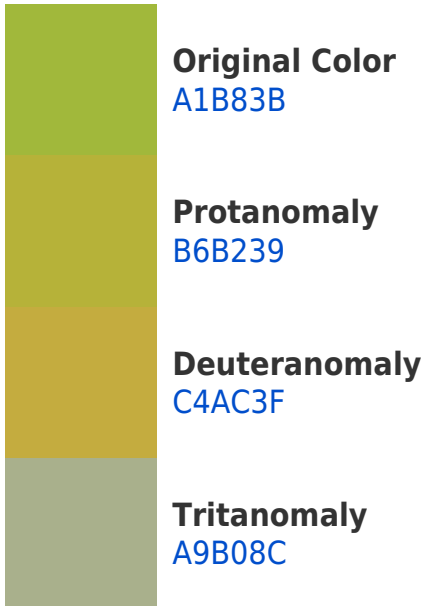
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

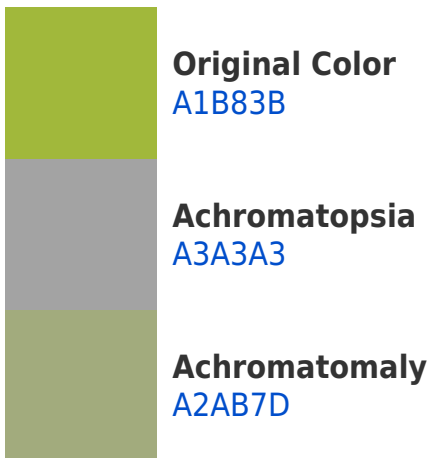




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1B83B 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 #A1B83B looks like.

```
.text, #text, p{  
    color:#A1B83B  
}
```

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 #A1B83B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1B83B
}
```

## Border

The CSS property to change the border of an element to Hex A1B83B 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
#A1B83B }
```

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

```
.border{ border-color:#A1B83B }
```

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

Here you see how a box with a 4 pixel #A1B83B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1B83B; -webkit-box-shadow:4px 4px  
4px 4px #A1B83B; box-shadow:4px 4px 4px  
4px #A1B83B }
```

# Background

The CSS property to change the background color of an element to Hex A1B83B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1B83B }
```

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

```
.background{ background-color:#A1B83B }
```

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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