

# Converting Colors

Hex(A2B84A)

Have a look what the booklet for  
Hex(A2B84A) contains.

<b>Hex(A2B84A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A2B84A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2B84A
RGB	162, 184, 74
RGB Percent	64%, 72%, 29%
CMY	0.3647, 0.2784, 0.7098
CMYK	0.12, 0.00, 0.60, 0.28
HSL	72°, 44%, 51%
HSV	72°, 60%, 72%
XYZ	33.2768, 42.4568, 12.9197
YIQ	164.8820, 22.1980, -38.8740

# Conversions

## Conversions Part 2

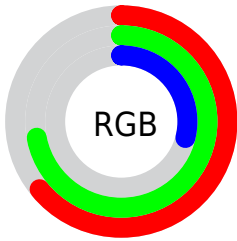
Format	Color
<a href="#">RYB</a>	<a href="#">74, 184, 96</a>
Decimal	<a href="#">10664010</a>
CIELab	<a href="#">71.18, -23.39, 52.04</a>
CIElCh	<a href="#">71, 57.056, 114.207</a>
Yxy	<a href="#">42.4568, 0.3754, 0.4789</a>
Android (android.graphics.Color)	<a href="#">4288854090 (0xFFA2B84A)</a>
YUV	<a href="#">164.8820, -44.8048, -2.5275</a>
Hunter-Lab	<a href="#">65.1589, -22.8676, 33.8552</a>

# Details

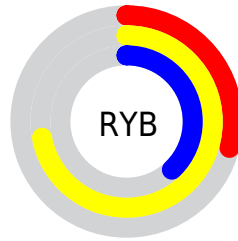
The Hex color **A2B84A** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **604AB8**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **DBF07F**, and **6C8311** is the 20% darker color. If you saturate the color by 10%, you get **9EB838**, and if you desaturate by 10%, it is **A6B85C**.

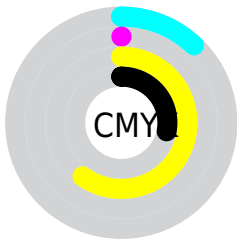
# Distribution



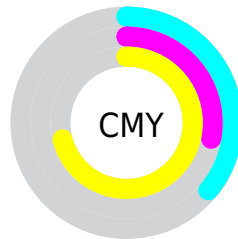
- Red (64%)
- Green (72%)
- Blue (29%)



- Red (29%)
- Yellow (72%)
- Blue (38%)



- Cyan (12%)
- Magenta (0%)
- Yellow (60%)
- Black (28%)



- Cyan (36%)
- Magenta (28%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2B84A 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 A2B84A by changing the saturation by 10% instead.



 A2B84A

 A2B84A

FFFFFF

 869D30

 DBF07F

 6C8311

 F8FF9A

 516A00

 FFFFB6

 385200

 FFFFDD

 1D3A00

 FFFFEE

 002500

 000800

 000000

 A2B84A

 A2B84A

 9EB838

 A6B85C

 9BB825

 A9B86F

 97B813

 ADB881

 93B800

 B1B894

 B4B8A6

 B8B8B8

 BCB8CB

 BFB8DD

 C3B8F0

# Harmonies

## Analogous

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



D4A842



A2B84A



61C26F

# Triad

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



A2B84A



00C3FF



FF82BB

# Complementary

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



A2B84A



604AB8

# 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.



E490EC



A2B84A



00B7FF

# Square

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



A2B84A



00C8D7



A0A5FF



FF8487

# Rectangle

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



A2B84A



00C690



A0A5FF



FF85CC



# Sweetspot

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



A2B84A



E7F0C5



B8604A



73785D



F7F7F7



787878



# Same Dimension

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



A2B84A



CDF043



6BB84A



5A5C53



7C9C00



161C00



# Inverse Universe

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



604AB8



6643F0



974AB8



54535C



1F009C



06001C



# Previews

## White Background



This preview shows how the Hex color A2B84A looks on a white background.

## Color Contrast Check

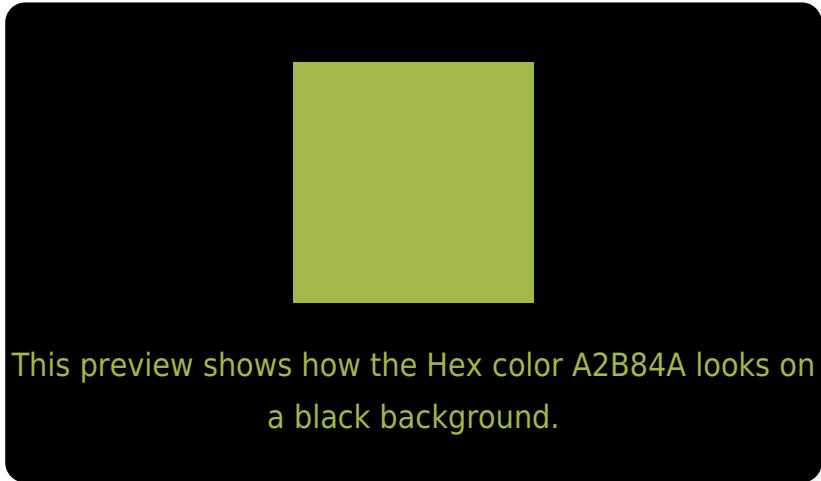
Large Text (above 18pt) WCAG AA × Fail

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 A2B84A Background



This preview shows how black text looks on a background with the Hex color A2B84A.

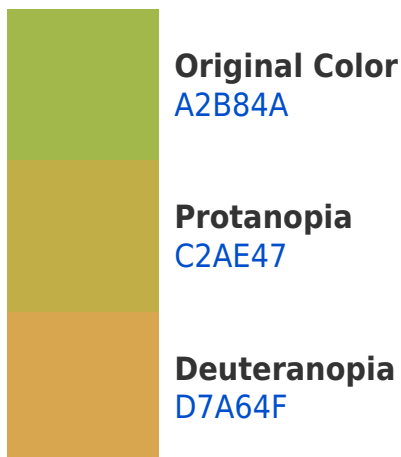


This preview shows how white text looks on a background with the Hex color A2B84A.

# Color Blindness Simulation

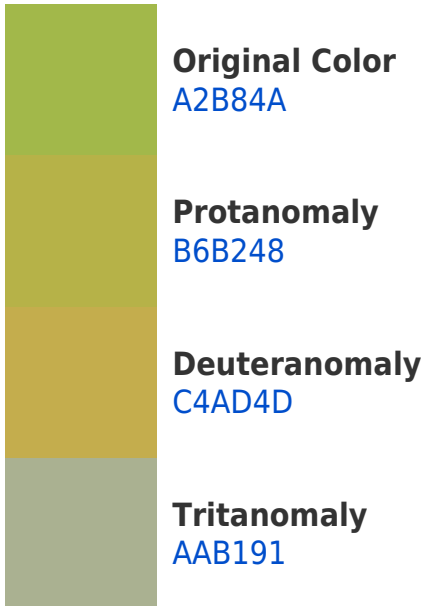
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

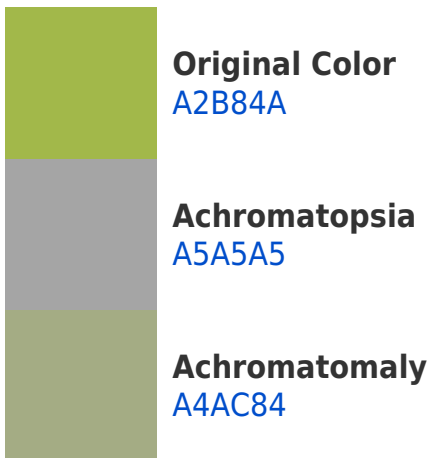




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2B84A 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 #A2B84A looks like.

```
.text, #text, p{  
    color:#A2B84A  
}
```

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 #A2B84A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2B84A
}
```

## Border

The CSS property to change the border of an element to Hex A2B84A 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
#A2B84A }
```

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

```
.border{ border-color:#A2B84A }
```

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

Here you see how a box with a 4 pixel #A2B84A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2B84A; -webkit-box-shadow:4px 4px  
4px 4px #A2B84A; box-shadow:4px 4px 4px  
4px #A2B84A }
```

# Background

The CSS property to change the background color of an element to Hex A2B84A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2B84A }
```

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

```
.background{ background-color:#A2B84A }
```

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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