

# Converting Colors

Hex(A3B66A)

Have a look what the booklet for  
Hex(A3B66A) contains.

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# **Color**

**Hex(A3B66A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3B66A
RGB	163, 182, 106
RGB Percent	64%, 71%, 42%
CMY	0.3608, 0.2863, 0.5843
CMYK	0.10, 0.00, 0.42, 0.29
HSL	75°, 34%, 56%
HSV	75°, 42%, 71%
XYZ	34.4337, 42.2830, 19.9823
YIQ	167.6550, 13.0720, -27.6640

# Conversions

## Conversions Part 2

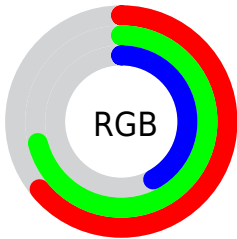
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">106, 182, 125</a>
Decimal	<a href="#">10729066</a>
CIELab	<a href="#">71.07, -18.84, 36.46</a>
CIELCh	<a href="#">71, 41.039, 117.333</a>
Yxy	<a href="#">42.2830, 0.3561, 0.4373</a>
Android (android.graphics.Color)	<a href="#">4288919146 (0xFFA3B66A)</a>
YUV	<a href="#">167.6550, -30.3959, -4.0824</a>
Hunter-Lab	<a href="#">65.0254, -19.2711, 27.2980</a>

# Details

The Hex color **A3B66A** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7D6AB6**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **DBEE9E**, and **6E8139** is the 20% darker color. If you saturate the color by 10%, you get **9EB658**, and if you desaturate by 10%, it is **A8B67C**.

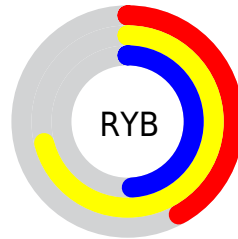
# Distribution



Red (64%)

Green (71%)

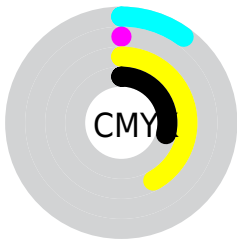
Blue (42%)



Red (42%)

Yellow (71%)

Blue (49%)

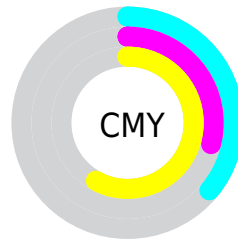


Cyan (10%)

Magenta (0%)

Yellow (42%)

Black (29%)



Cyan (36%)

Magenta (29%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3B66A 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 A3B66A by changing the saturation by 10% instead.



 A3B66A

 A3B66A

FFFFFF

 889B51

 DBEE9E

 6E8139

 F8FFBA

 546821

 FFFFD6

 3C5006

 FFFFF2

 253900

 0B2300

 000700

 000000

 A3B66A

 A3B66A

 9EB658

 A8B67C

 9AB646

 ACB68E

 95B633

 B1B6A1

 91B621

 B5B6B3

 8CB60F

 BAB6C5

 88B600

 BEB6D7

 C3B6E9

 C7B6FC

 CCB6FF

# Harmonies

## Analogous

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



C9AB62



A3B66A



76BE84

# Triad

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



A3B66A



16BCEC



F291B3

# Complementary

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



A3B66A



7D6AB6

# 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.



DA98D7



A3B66A



6FB3F8

# Square

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



A3B66A



00C1CF



ADA5F0



F5938E

# Rectangle

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



A3B66A



54C19C



ADA5F0



EC92BF



# Sweetspot

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



A3B66A



E5EDCE



B67D6A



737865



F7F7F7



787878



# Same Dimension

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



A3B66A



D0ED77



7DB66A



5A5C53



759C00



151C00



# Inverse Universe

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



7D6AB6



9477ED



A36AB6



55535C



27009C



07001C



# Previews

## White Background



This preview shows how the Hex color A3B66A looks on a white background.

## Color Contrast Check

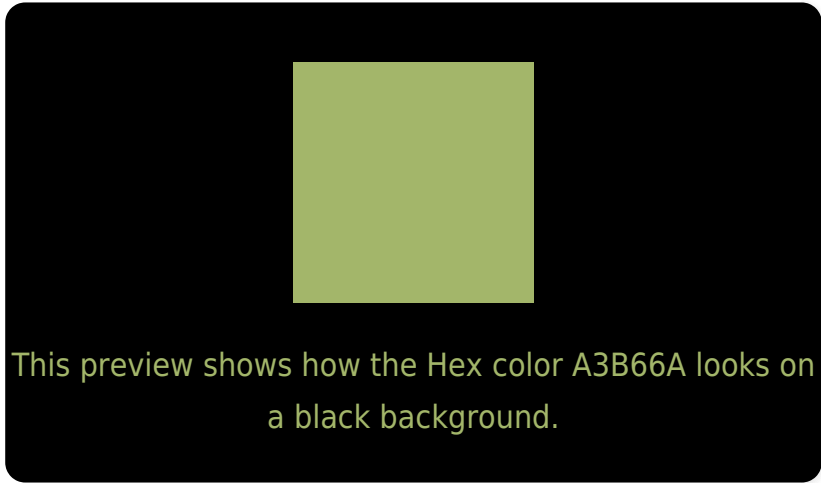
Large Text (above 18pt) WCAG AA × Fail

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

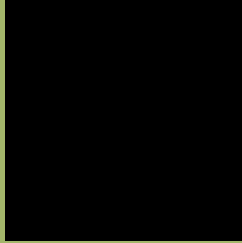
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A3B66A Background



This preview shows how black text looks on a background with the Hex color A3B66A.

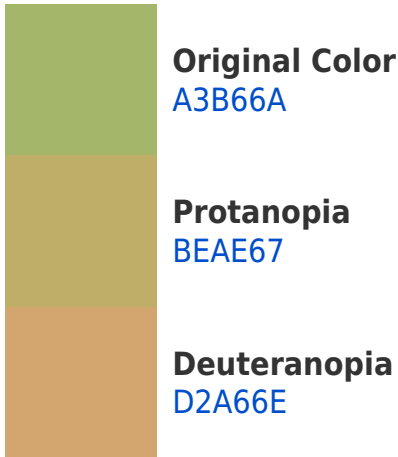


This preview shows how white text looks on a background with the Hex color A3B66A.

# Color Blindness Simulation

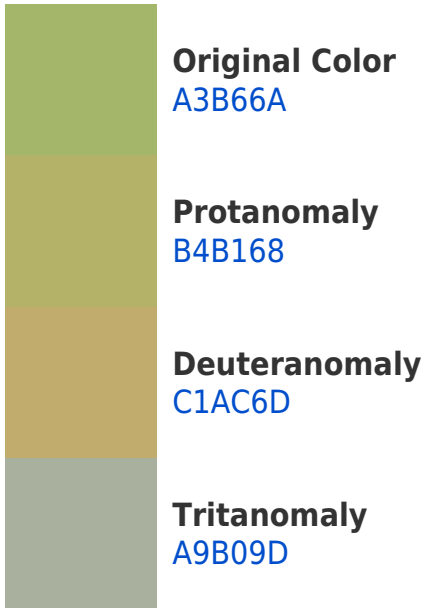
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

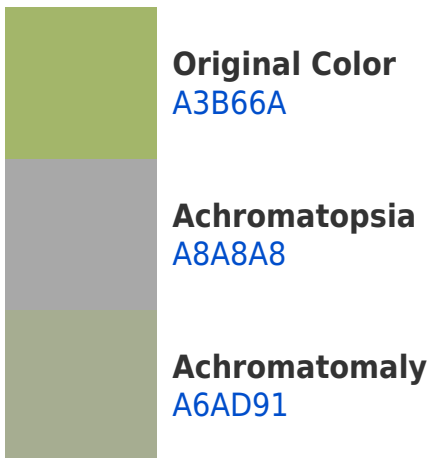




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3B66A 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 #A3B66A looks like.

```
.text, #text, p{  
    color:#A3B66A  
}
```

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 #A3B66A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3B66A
}
```

## Border

The CSS property to change the border of an element to Hex A3B66A 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
#A3B66A }
```

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

```
.border{ border-color:#A3B66A }
```

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

Here you see how a box with a 4 pixel #A3B66A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3B66A; -webkit-box-shadow:4px 4px  
4px 4px #A3B66A; box-shadow:4px 4px 4px  
4px #A3B66A }
```

# Background

The CSS property to change the background color of an element to Hex A3B66A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3B66A }
```

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

```
.background{ background-color:#A3B66A }
```

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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