

# Converting Colors

Hex(A6B739)

Have a look what the booklet for  
Hex(A6B739) contains.

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**Color**

**Hex(A6B739)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6B739
RGB	166, 183, 57
RGB Percent	65%, 72%, 22%
CMY	0.3490, 0.2824, 0.7765
CMYK	0.09, 0.00, 0.69, 0.28
HSL	68°, 52%, 47%
HSV	68°, 69%, 72%
XYZ	33.3979, 42.2694, 10.2694
YIQ	163.5530, 30.3140, -42.7900

# Conversions

## Conversions Part 2

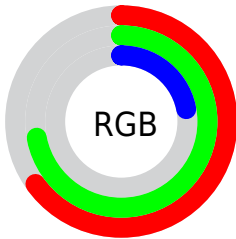
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">57, 183, 74</a>
Decimal	<a href="#">10925881</a>
CIELab	<a href="#">71.06, -22.41, 59.06</a>
CIELCh	<a href="#">71, 63.169, 110.783</a>
Yxy	<a href="#">42.2694, 0.3886, 0.4919</a>
Android (android.graphics.Color)	<a href="#">4289115961 (0xFFA6B739)</a>
YUV	<a href="#">163.5530, -52.5306, 2.1460</a>
Hunter-Lab	<a href="#">65.0149, -22.0813, 36.1453</a>

# Details

The Hex color **A6B739** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4A39B7**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **E0EF6F**, and **6F8200** is the 20% darker color. If you saturate the color by 10%, you get **A4B727**, and if you desaturate by 10%, it is **A8B74B**.

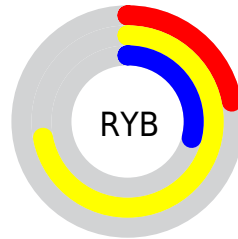
# Distribution



Red (65%)

Green (72%)

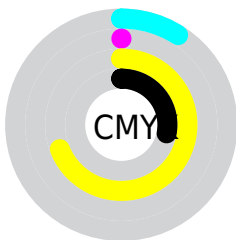
Blue (22%)



Red (22%)

Yellow (72%)

Blue (29%)

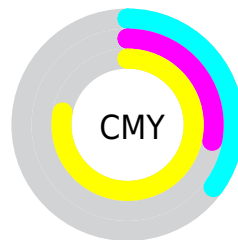


Cyan (9%)

Magenta (0%)

Yellow (69%)

Black (28%)



Cyan (35%)

Magenta (28%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6B739 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 A6B739 by changing the saturation by 10% instead.



 A6B739

 A6B739

FFFFFF

 8A9C1A

 E0EF6F

 6F8200

 FDF88B

 546900

 FFFFA6

 3A5100

 FFFFC2

 1F3A00

 FFFFDF

 022400

FFFFFFD

 000700

 000000

 A6B739

 A6B739

 A4B727

 A8B74B

 A1B714

 ABB75E

 9FB702

 ADB770

 9EB700

 B0B782

 B2B795

 B5B7A7

 B7B7B9

 BAB7CB

 BCB7DE

# Harmonies

## Analogous

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



DCA535



A6B739



5FC361

# Triad

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



A6B739



00C5FF



FF7BC2

# Complementary

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



A6B739



4A39B7

# 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.



E38EF7



A6B739



00BAFF

# Square

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



A6B739



00CAD5



90A6FF



FF7C88

# Rectangle

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



A6B739



00C786



90A6FF



FF80D5



# Sweetspot

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



A6B739



E6EDBB



B74A39



74785A



F7F7F7



787878



# Same Dimension

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



A6B739



D3ED28



67B739



5B5C53



879C00



181C00



# Inverse Universe

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



4A39B7



4328ED



8939B7



54535C



15009C



04001C



# Previews

## White Background



This preview shows how the Hex color A6B739 looks on a white background.

## Color Contrast Check

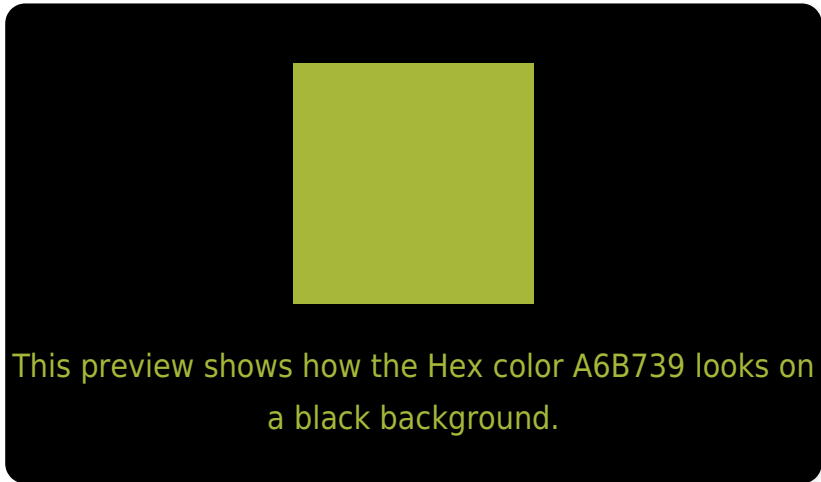
Large Text (above 18pt) WCAG AA × Fail

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 A6B739 Background



This preview shows how black text looks on a background with the Hex color A6B739.

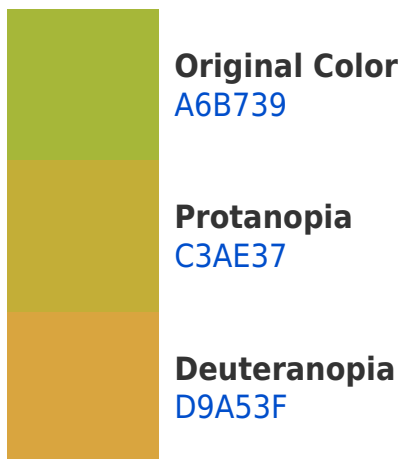


This preview shows how white text looks on a background with the Hex color A6B739.

# 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](#).

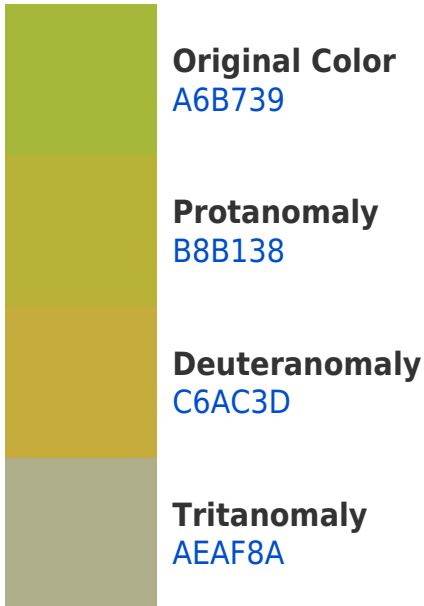
## Dichromacy



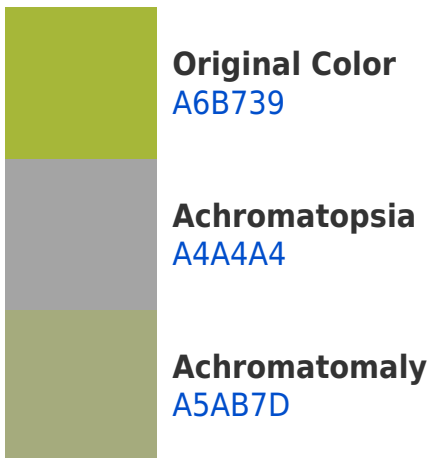


**Tritanopia**  
B3ABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6B739 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 #A6B739 looks like.

```
.text, #text, p{  
    color:#A6B739  
}
```

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 #A6B739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6B739
}
```

## Border

The CSS property to change the border of an element to Hex A6B739 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
#A6B739 }
```

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

```
.border{ border-color:#A6B739 }
```

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

Here you see how a box with a 4 pixel #A6B739 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6B739; -webkit-box-shadow:4px 4px  
4px 4px #A6B739; box-shadow:4px 4px 4px  
4px #A6B739 }
```

# Background

The CSS property to change the background color of an element to Hex A6B739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6B739 }
```

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

```
.background{ background-color:#A6B739 }
```

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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