

# Converting Colors

Hex(A6BD70)

Have a look what the booklet for  
Hex(A6BD70) contains.

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**Color**

**Hex(A6BD70)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6BD70
RGB	166, 189, 112
RGB Percent	65%, 74%, 44%
CMY	0.3490, 0.2588, 0.5608
CMYK	0.12, 0.00, 0.41, 0.26
HSL	78°, 37%, 59%
HSV	78°, 41%, 74%
XYZ	36.8481, 45.6720, 22.2027
YIQ	173.3450, 11.0090, -28.8230

# Conversions

## Conversions Part 2

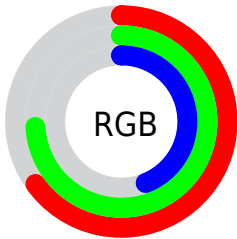
Format	Color
<a href="#">RYB</a>	<a href="#">112, 189, 135</a>
Decimal	<a href="#">10927472</a>
CIELab	<a href="#">73.33, -20.47, 36.30</a>
CIELCh	<a href="#">73, 41.676, 119.418</a>
Yxy	<a href="#">45.6720, 0.3519, 0.4361</a>
Android (android.graphics.Color)	<a href="#">4289117552 (0xFFA6BD70)</a>
YUV	<a href="#">173.3450, -30.2431, -6.4416</a>
Hunter-Lab	<a href="#">67.5811, -20.9410, 27.8280</a>

# Details

The Hex color **A6BD70** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **8770BD**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **DEF5A5**, and **71883E** is the 20% darker color. If you saturate the color by 10%, you get **A0BD5D**, and if you desaturate by 10%, it is **ACBD83**.

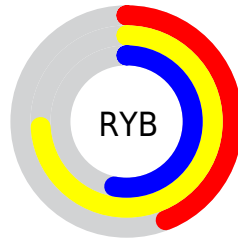
# Distribution



Red (65%)

Green (74%)

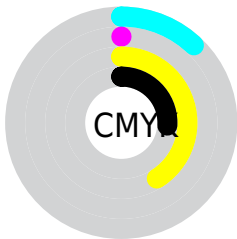
Blue (44%)



Red (44%)

Yellow (74%)

Blue (53%)

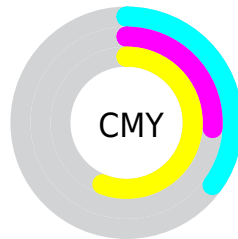


Cyan (12%)

Magenta (0%)

Yellow (41%)

Black (26%)



Cyan (35%)

Magenta (26%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6BD70 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 A6BD70 by changing the saturation by 10% instead.



 A6BD70

 A6BD70

FFFFFF

 8BA257

 DEF5A5

 71883E

 FBFFC0

 576E26

 FFFFDC

 3E560D

 FFFFF9

 273E00

 0E2800

 001400

 000000

 A6BD70

 A6BD70

 A0BD5D

 ACBD83

 9BBD4A

 B1BD96

 95BD37

 B7BDA9

 8FBD24

 BDBDBC

 8ABD11

 C2BDCF

 85BD00

 C8BDE1

 CEBDF4

 D3BDFE

 D9BDFE

# Harmonies

## Analogous

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



CDB267



A6BD70



78C58C

# Triad

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



A6BD70



27C2F5



FB96B6

# Complementary

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



A6BD70



8770BD

# Split Complementary

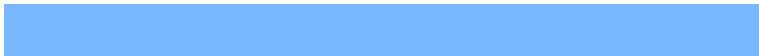
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E39DDC



A6BD70



79B8FF

# Square

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



A6BD70



00C7D8



B7AAF7



FD9991

# Rectangle

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



A6BD70



54C7A5



B7AAF7



F597C3



# Sweetspot

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



A6BD70



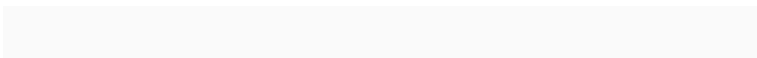
ECF5D7



BD8670



757A69



FAFAFA



7A7A7A



# Same Dimension

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



A6BD70



D1F57D



81BD70



5C5E55



6F9E00



151F00



# Inverse Universe

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



8770BD



A17DF5



AC70BD



58555E



2F009E



09001F



# Previews

## White Background



This preview shows how the Hex color A6BD70 looks on a white background.

## Color Contrast Check

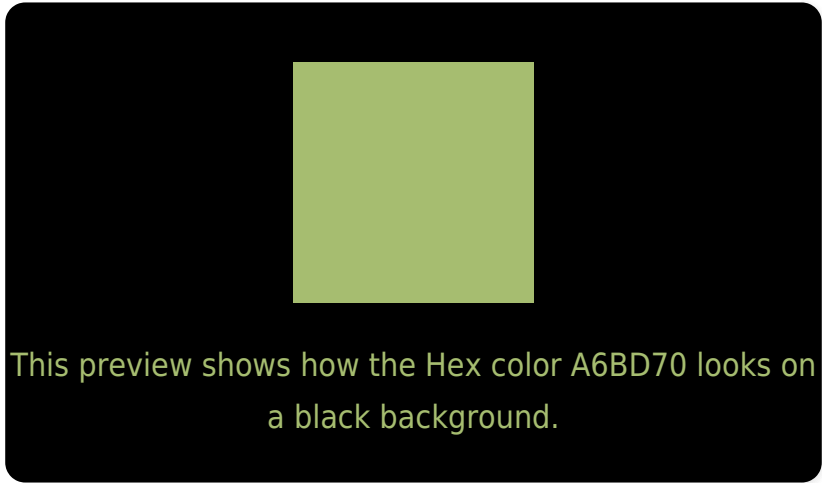
Large Text (above 18pt) WCAG AA × Fail

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

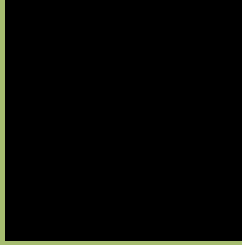
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A6BD70 Background



This preview shows how black text looks on a background with the Hex color A6BD70.

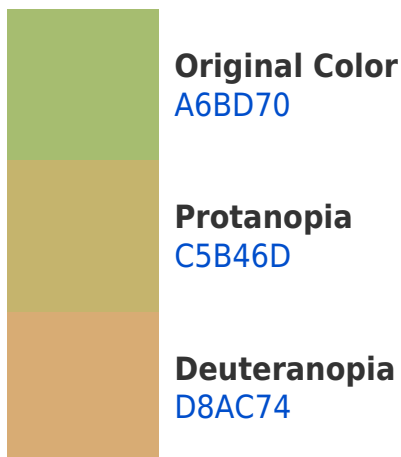


This preview shows how white text looks on a background with the Hex color A6BD70.

# 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](#).

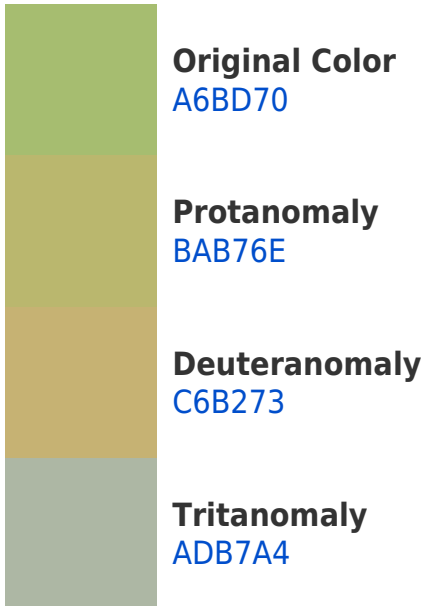
## Dichromacy



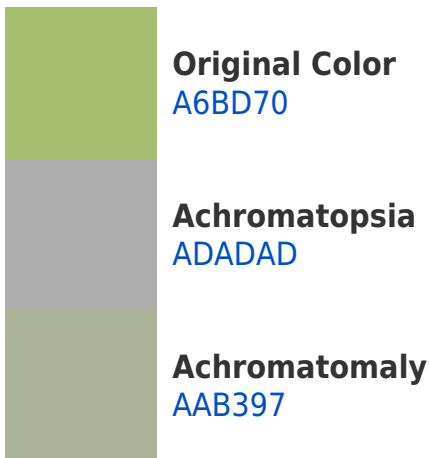


**Tritanopia**  
B1B3C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6BD70 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 #A6BD70 looks like.

```
.text, #text, p{  
    color:#A6BD70  
}
```

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 #A6BD70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6BD70
}
```

## Border

The CSS property to change the border of an element to Hex A6BD70 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
#A6BD70 }
```

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

```
.border{ border-color:#A6BD70 }
```

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

Here you see how a box with a 4 pixel #A6BD70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6BD70; -webkit-box-shadow:4px 4px  
4px 4px #A6BD70; box-shadow:4px 4px 4px  
4px #A6BD70 }
```

# Background

The CSS property to change the background color of an element to Hex A6BD70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6BD70 }
```

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

```
.background{ background-color:#A6BD70 }
```

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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