

# Converting Colors

Hex(A5BC76)

Have a look what the booklet for  
Hex(A5BC76) contains.

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# **Color**

**Hex(A5BC76)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A5BC76
RGB	165, 188, 118
RGB Percent	65%, 74%, 46%
CMY	0.3529, 0.2627, 0.5373
CMYK	0.12, 0.00, 0.37, 0.26
HSL	80°, 34%, 60%
HSV	80°, 37%, 74%
XYZ	36.7703, 45.2738, 23.9403
YIQ	173.1430, 8.7620, -26.6460

# Conversions

## Conversions Part 2

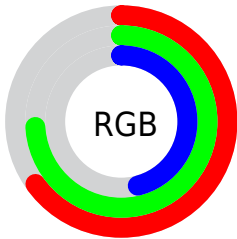
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 188, 141
Decimal	10861686
CIELab	73.07, -19.60, 32.86
CIELCh	73, 38.263, 120.821
Yxy	45.2738, 0.3469, 0.4272
Android (android.graphics.Color)	4289051766 (0xFFA5BC76)
YUV	173.1430, -27.1855, -7.1414
Hunter-Lab	67.2858, -20.2036, 26.0047

# Details

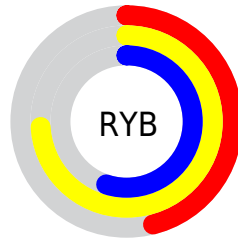
The Hex color **A5BC76** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **8D76BC**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **DDF4AB**, and **708744** is the 20% darker color. If you saturate the color by 10%, you get **9FBC63**, and if you desaturate by 10%, it is **ABBC89**.

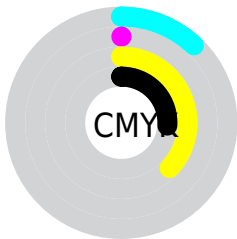
# Distribution



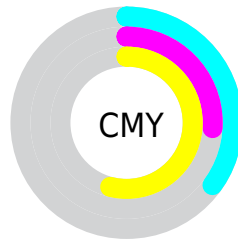
- Red (65%)
- Green (74%)
- Blue (46%)



- Red (46%)
- Yellow (74%)
- Blue (55%)



- Cyan (12%)
- Magenta (0%)
- Yellow (37%)
- Black (26%)



- Cyan (35%)
- Magenta (26%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5BC76 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 A5BC76 by changing the saturation by 10% instead.



 A5BC76

 A5BC76

FFFFFF

 8AA15D

 DDF4AB

 708744

 FAFFC7

 576D2D

 FFFFE3

 3E5515

 273E00

 0F2800

 001300

 000000

 A5BC76

 A5BC76

9FBC63

ABBC89

99BC50

B1BC9C

92BC3E

B8BCAE

8CBC2B

BEBCC1

86BC18

C4BCD4

80BC05

CABCE7

7EBC00

D0BCFA

D6BCFF

DDBCFF

# Harmonies

## Analogous

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



CAB26D



A5BC76



7BC390

# Triad

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



A5BC76



46C0F0



F598B4

# Complementary

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



A5BC76



8D76BC

# 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.



E09ED6



A5BC76



83B6F9

# Square

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



A5BC76



24C5D6



B9AAF0



F69B91

# Rectangle

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



A5BC76



5DC6A7



B9AAF0



F199C0



# Sweetspot

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



A5BC76



ECF5DA



BC8C76



757A6A



FAFAFA



7A7A7A



# Same Dimension

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



A5BC76



D1F587



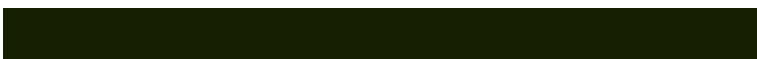
83BC76



5B5E55



6A9E00



151F00



# Inverse Universe

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



8D76BC



AB87F5



AF76BC



58555E



34009E



0A001F



# Previews

## White Background



This preview shows how the Hex color A5BC76 looks on a white background.

## Color Contrast Check

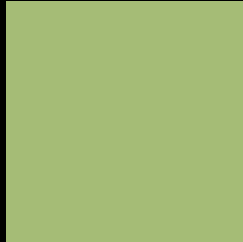
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color A5BC76 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

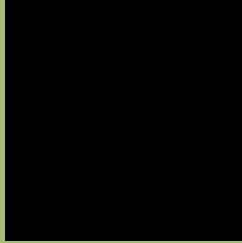
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A5BC76 Background



This preview shows how black text looks on a background with the Hex color A5BC76.

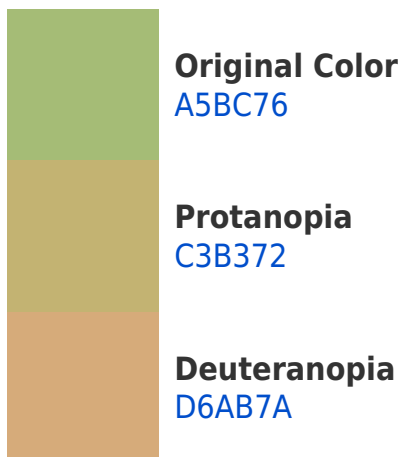


This preview shows how white text looks on a background with the Hex color A5BC76.

# 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](#).

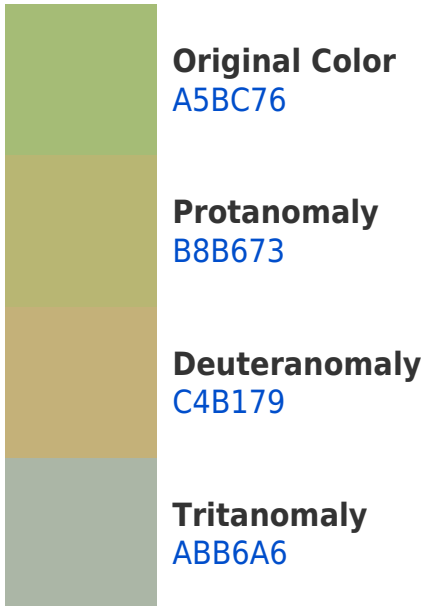
## Dichromacy



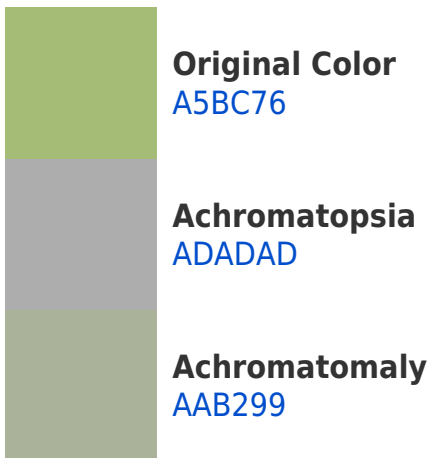


**Tritanopia**  
AFB3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5BC76 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 #A5BC76 looks like.

```
.text, #text, p{  
    color:#A5BC76  
}
```

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 #A5BC76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5BC76
}
```

## Border

The CSS property to change the border of an element to Hex A5BC76 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
#A5BC76 }
```

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

```
.border{ border-color:#A5BC76 }
```

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

Here you see how a box with a 4 pixel #A5BC76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5BC76; -webkit-box-shadow:4px 4px  
4px 4px #A5BC76; box-shadow:4px 4px 4px  
4px #A5BC76 }
```

# Background

The CSS property to change the background color of an element to Hex A5BC76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5BC76 }
```

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

```
.background{ background-color:#A5BC76 }
```

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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