

# Converting Colors

Hex(A5BB78)

Have a look what the booklet for  
Hex(A5BB78) contains.

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# **Color**

**Hex(A5BB78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A5BB78
RGB	165, 187, 120
RGB Percent	65%, 73%, 47%
CMY	0.3529, 0.2667, 0.5294
CMYK	0.12, 0.00, 0.36, 0.27
HSL	80°, 33%, 60%
HSV	80°, 36%, 73%
XYZ	36.6775, 44.8960, 24.5020
YIQ	172.7840, 8.3950, -25.5010

# Conversions

## Conversions Part 2

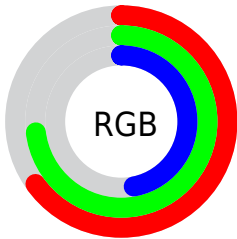
Format	Color
<a href="#">RYB</a>	<a href="#">120, 187, 142</a>
Decimal	<a href="#">10861432</a>
CIELab	<a href="#">72.82, -18.84, 31.49</a>
CIELCh	<a href="#">73, 36.700, 120.889</a>
Yxy	<a href="#">44.8960, 0.3458, 0.4232</a>
Android (android.graphics.Color)	<a href="#">4289051512 (0xFFA5BB78)</a>
YUV	<a href="#">172.7840, -26.0225, -6.8266</a>
Hunter-Lab	<a href="#">67.0045, -19.5489, 25.2222</a>

# Details

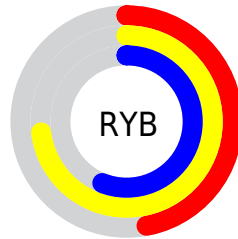
The Hex color **A5BB78** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **8E78BB**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **DDF3AD**, and **708646** is the 20% darker color. If you saturate the color by 10%, you get **9FBB65**, and if you desaturate by 10%, it is **ABBB8B**.

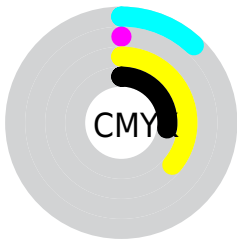
# Distribution



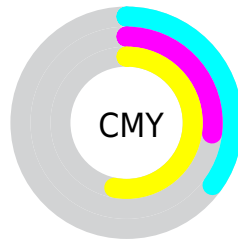
- Red (65%)
- Green (73%)
- Blue (47%)



- Red (47%)
- Yellow (73%)
- Blue (56%)



- Cyan (12%)
- Magenta (0%)
- Yellow (36%)
- Black (27%)



- Cyan (35%)
- Magenta (27%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5BB78 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 A5BB78 by changing the saturation by 10% instead.





A5BB78



A5BB78

FFFFFF



8AA05F



DDF3AD



708646



FAFFC9



576C2F



FFFFE5



3E5417



273D00



102700



001200



000000



A5BB78



A5BB78

 9FBB65

 ABBB8B

 99BB53

 B1BB9D

 93BB40

 B7BBB0

 8CBB2D

 BEBBC3

 86BB1B

 C4BBD5

 80BB08

 CABBE8

 7EBB00

 D0BBFB

 D6BBFF

 DCBBFF

# Harmonies

## Analogous

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



C8B16F



A5BB78



7DC291

# Triad

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



A5BB78



4EBFED



F299B3

# Complementary

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



A5BB78



8E78BB

# 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.



DE9ED4



A5BB78



85B6F5

# Square

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



A5BB78



33C4D4



B8AAEC



F39C92

# Rectangle

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



A5BB78



61C4A7



B8AAEC



EE9ABE



# Sweetspot

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



A5BB78



EAF2D8



BB8D78



757A6A



FAFAFA



7A7A7A



# Same Dimension

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



A5BB78



D0F28A



84BB78



5B5E55



6A9E00



151F00



# Inverse Universe

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



8E78BB



AC8AF2



AF78BB



58555E



34009E



0A001F



# Previews

## White Background



This preview shows how the Hex color A5BB78 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 A5BB78 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 A5BB78 Background



This preview shows how black text looks on a background with the Hex color A5BB78.

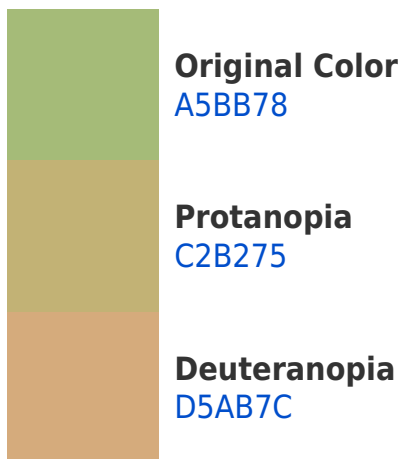


This preview shows how white text looks on a background with the Hex color A5BB78.

# Color Blindness Simulation

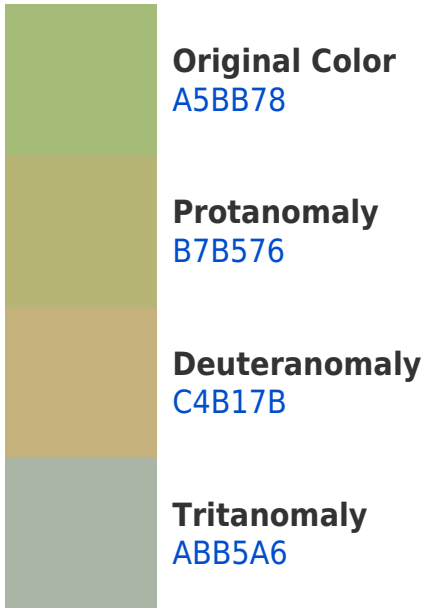
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

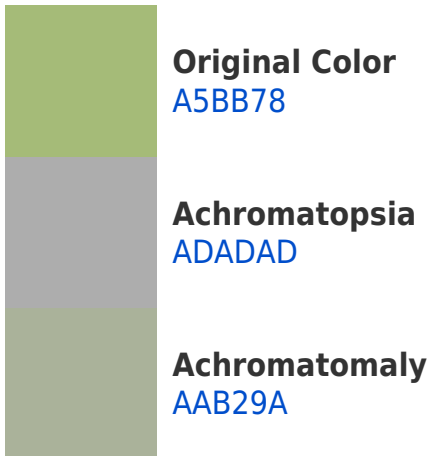




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5BB78 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 #A5BB78 looks like.

```
.text, #text, p{  
    color:#A5BB78  
}
```

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 #A5BB78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5BB78  
}
```

## Border

The CSS property to change the border of an element to Hex A5BB78 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  
#A5BB78 }
```

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

```
.border{ border-color:#A5BB78 }
```

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

Here you see how a box with a 4 pixel #A5BB78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5BB78; -webkit-box-shadow:4px 4px  
4px 4px #A5BB78; box-shadow:4px 4px 4px  
4px #A5BB78 }
```

# Background

The CSS property to change the background color of an element to Hex A5BB78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5BB78 }
```

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

```
.background{ background-color:#A5BB78 }
```

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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