

# Converting Colors

Hex(A85B77)

Have a look what the booklet for  
Hex(A85B77) contains.

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# Color

**Hex(A85B77)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A85B77
RGB	168, 91, 119
RGB Percent	66%, 36%, 47%
CMY	0.3412, 0.6431, 0.5333
CMYK	0.00, 0.46, 0.29, 0.34
HSL	338°, 31%, 51%
HSV	338°, 46%, 66%
XYZ	23.2193, 17.1389, 19.5371
YIQ	117.2150, 36.9040, 25.0320

# Conversions

## Conversions Part 2

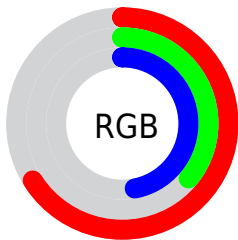
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 91, 119
Decimal	11033463
CIELab	48.43, 34.83, -1.71
CIELCh	48, 34.872, 357.187
Yxy	17.1389, 0.3877, 0.2861
Android (android.graphics.Color)	4289223543 (0xFFA85B77)
YUV	117.2150, 0.8800, 44.5384
Hunter-Lab	41.3992, 27.6657, 0.9993

# Details

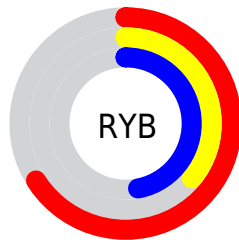
The Hex color **A85B77** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5BA88C**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **E18FAB**, and **722A47** is the 20% darker color. If you saturate the color by 10%, you get **A84A6C**, and if you desaturate by 10%, it is **A86C82**.

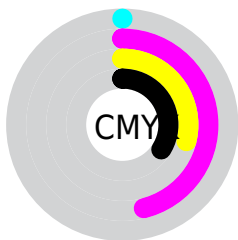
# Distribution



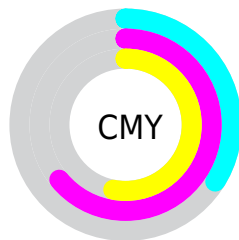
- Red (66%)
- Green (36%)
- Blue (47%)



- Red (66%)
- Yellow (36%)
- Blue (47%)



- Cyan (0%)
- Magenta (46%)
- Yellow (29%)
- Black (34%)



- Cyan (34%)
- Magenta (64%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A85B77 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 A85B77 by changing the saturation by 10% instead.



 A85B77

 A85B77

FFFFFF

 8C425E

 E18FAB

 722A47

 FEAAC6

 571030

 FFC6E2

 3E001C

 FFE2FF

 290001

 000000

 A85B77

 A85B77

 A84A6C

 A86C82

 A83962

 A87D8C

 A82957

 A88D97

 A8184C

 A89EA2

 A80742

 A8AFAC

 A8003D

 A8C0B7

 A8D1C2

 A8E1CD

 A8F2D7

# Harmonies

## Analogous

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



956193



A85B77



AA5D5A

# Triad

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



A85B77



6A793D



007EA4

# Complementary

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



A85B77



5BA88C

# 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.



00828D



A85B77



467F52

# Square

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



A85B77



877037



03826F



3B77AE

# Rectangle

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



A85B77



A46249



03826F



00809D



# Sweetspot

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



A85B77



DBBDC8



8C5BA8



6E5B62



EDEDED



6E6E6E



# Same Dimension

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



A85B77



DB638F



A8655B



544C4F



940036



140007



# Inverse Universe

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



A85B77



DB638F



5B9EA8



544C4F



940036

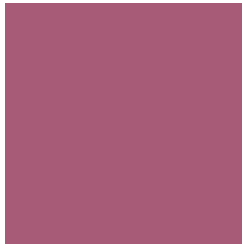


140007



# Previews

## White Background



This preview shows how the Hex color A85B77 looks on a white background.

## Color Contrast Check

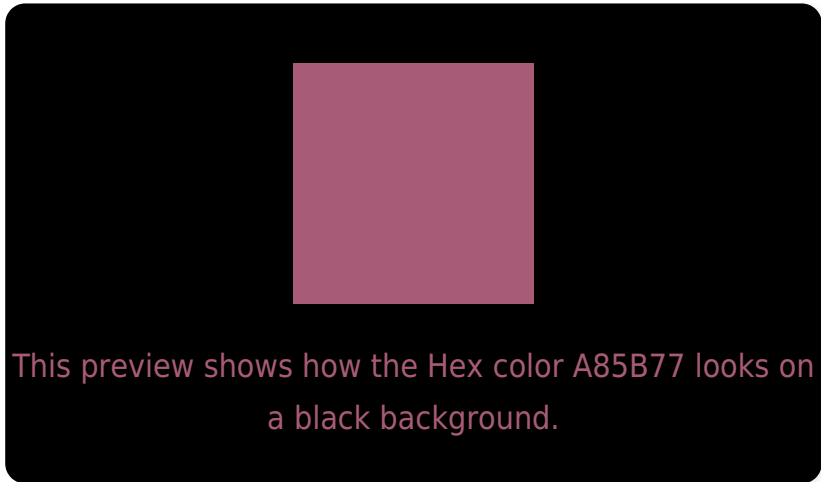
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

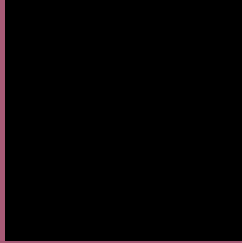
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A85B77 Background



This preview shows how black text looks on a background with the Hex color A85B77.

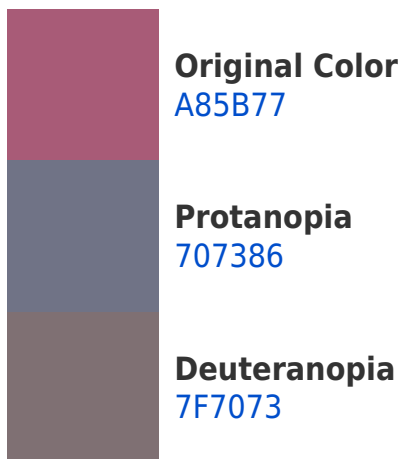


This preview shows how white text looks on a background with the Hex color A85B77.

# 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**  
A65E65

# Trichromacy



**Original Color**  
A85B77

**Protanomaly**  
846A81

**Deuteranomaly**  
8E6874

**Tritanomaly**  
A75D6C

# Monochromacy



**Original Color**  
A85B77

**Achromatopsia**  
757575

**Achromatomaly**  
886C76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A85B77 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 #A85B77 looks like.

```
.text, #text, p{  
    color:#A85B77  
}
```

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 #A85B77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A85B77  
}
```

## Border

The CSS property to change the border of an element to Hex A85B77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

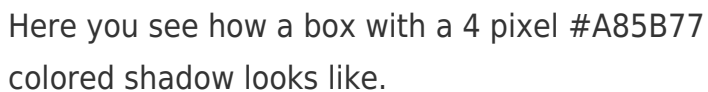
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A85B77 }
```

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

```
.border{ border-color:#A85B77 }
```

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



Here you see how a box with a 4 pixel `#A85B77` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A85B77; -webkit-box-shadow:4px 4px  
4px 4px #A85B77; box-shadow:4px 4px 4px  
4px #A85B77 }
```

# Background

The CSS property to change the background color of an element to Hex A85B77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A85B77 }
```

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

```
.background{ background-color:#A85B77 }
```

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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