

# Converting Colors

Hex(A85B84)

Have a look what the booklet for  
Hex(A85B84) contains.

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# Color

**Hex(A85B84)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A85B84
RGB	168, 91, 132
RGB Percent	66%, 36%, 52%
CMY	0.3412, 0.6431, 0.4824
CMYK	0.00, 0.46, 0.21, 0.34
HSL	328°, 31%, 51%
HSV	328°, 46%, 66%
XYZ	24.0544, 17.4729, 23.9346
YIQ	118.6970, 32.7310, 29.0750

# Conversions

## Conversions Part 2

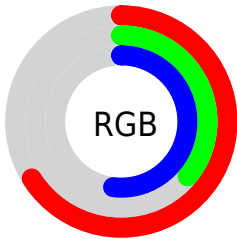
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 91, 132
Decimal	11033476
CIE <sub>Lab</sub>	48.85, 36.74, -8.89
CIE <sub>LCh</sub>	49, 37.801, 346.395
Yxy	17.4729, 0.3675, 0.2669
Android (android.graphics.Color)	4289223556 (0xFFA85B84)
YUV	118.6970, 6.5584, 43.2387
Hunter-Lab	41.8007, 29.5676, -4.6884

# Details

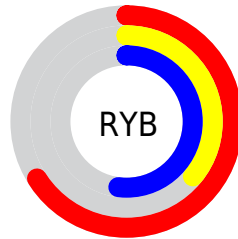
The Hex color **A85B84** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5BA87F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **E18FB9**, and **722953** is the 20% darker color. If you saturate the color by 10%, you get **A84A7C**, and if you desaturate by 10%, it is **A86C8C**.

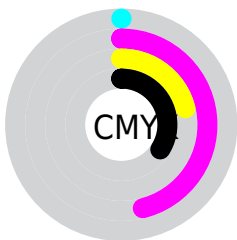
# Distribution



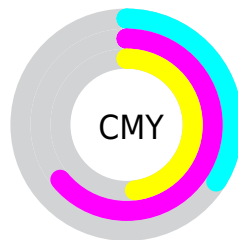
- Red (66%)
- Green (36%)
- Blue (52%)



- Red (66%)
- Yellow (36%)
- Blue (52%)



- Cyan (0%)
- Magenta (46%)
- Yellow (21%)
- Black (34%)



- Cyan (34%)
- Magenta (64%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A85B84 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 A85B84 by changing the saturation by 10% instead.



 A85B84

 A85B84

FFFFFF

 8D426B

 E18FB9

 722953

 FEAAD5

 580E3B

 FFC6F1

 3E0026

 FFE2FF

 2A0011

 000000

 A85B84

 A85B84

 A84A7C

 A86C8C

 A83974

 A87D94

 A8296C

 A88D9C

 A81865

 A89EA3

 A8075D

 A8AFAB

 A80059

 A8C0B3

 A8D1BB

 A8E1C3

 A8F2CB

# Harmonies

## Analogous

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



8D65A0



A85B84



B15A64

# Triad

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



A85B84



767834



0082A2

# Complementary

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



A85B84



5BA87F

# 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.



008485



A85B84



527F46

# Square

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



A85B84



936D35



1A8364



007CB2

# Rectangle

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



A85B84



AD5E50



1A8364



008399



# Sweetspot

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



A85B84



DBBDCD



7F5BA8



6E5B65



EDEDED



6E6E6E



# Same Dimension

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



A85B84



DB63A3



A85B5E



544C50



94004F



14000B



# Inverse Universe

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



A85B84



DB63A3



5BA8A5



544C50



94004F

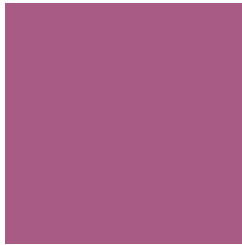


14000B



# Previews

## White Background



This preview shows how the Hex color A85B84 looks on a white background.

## Color Contrast Check

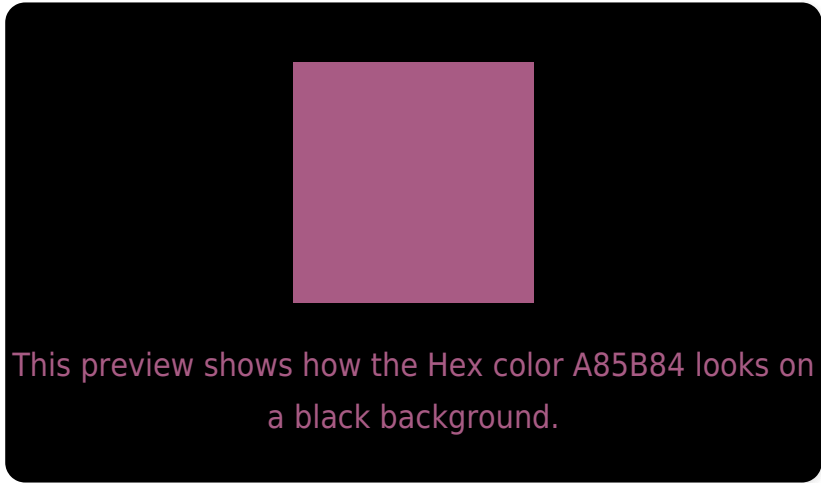
Large Text (above 18pt) WCAG AA ✓ Pass

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 A85B84 Background



This preview shows how black text looks on a background with the Hex color A85B84.



This preview shows how white text looks on a background with the Hex color A85B84.

# 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**  
A56168

# Trichromacy



**Original Color**  
A85B84

**Protanomaly**  
826A8E

**Deuteranomaly**  
8B6981

**Tritanomaly**  
A65F72

# Monochromacy



**Original Color**  
A85B84

**Achromatopsia**  
777777

**Achromatomaly**  
896D7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A85B84 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 #A85B84 looks like.

```
.text, #text, p{  
    color:#A85B84  
}
```

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 #A85B84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A85B84
}
```

## Border

The CSS property to change the border of an element to Hex A85B84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

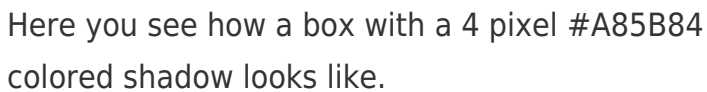
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A85B84 }
```

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

```
.border{ border-color:#A85B84 }
```

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



Here you see how a box with a 4 pixel #A85B84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A85B84; -webkit-box-shadow:4px 4px  
4px 4px #A85B84; box-shadow:4px 4px 4px  
4px #A85B84 }
```

# Background

The CSS property to change the background color of an element to Hex A85B84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A85B84 }
```

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

```
.background{ background-color:#A85B84 }
```

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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