

# Converting Colors

Hex(A85E80)

Have a look what the booklet for  
Hex(A85E80) contains.

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# Color

**Hex(A85E80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A85E80
RGB	168, 94, 128
RGB Percent	66%, 37%, 50%
CMY	0.3412, 0.6314, 0.4980
CMYK	0.00, 0.44, 0.24, 0.34
HSL	332°, 30%, 51%
HSV	332°, 44%, 66%
XYZ	24.0474, 17.8888, 22.6075
YIQ	120.0020, 33.1900, 26.2620

# Conversions

## Conversions Part 2

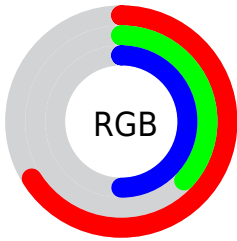
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 94, 128
Decimal	11034240
CIE <sub>Lab</sub>	49.36, 34.51, -5.74
CIE <sub>LCh</sub>	49, 34.983, 350.559
Yxy	17.8888, 0.3726, 0.2772
Android (android.graphics.Color)	4289224320 (0xFFA85E80)
YUV	120.0020, 3.9430, 42.0942
Hunter-Lab	42.2951, 27.4721, -2.0850

# Details

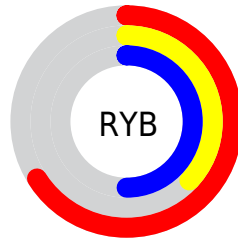
The Hex color **A85E80** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5EA886**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **E192B5**, and **722D4F** is the 20% darker color. If you saturate the color by 10%, you get **A84D77**, and if you desaturate by 10%, it is **A86F89**.

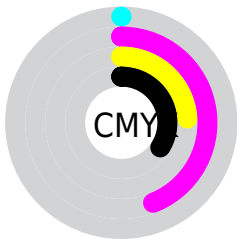
# Distribution



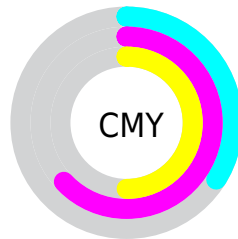
- Red (66%)
- Green (37%)
- Blue (50%)



- Red (66%)
- Yellow (37%)
- Blue (50%)



- Cyan (0%)
- Magenta (44%)
- Yellow (24%)
- Black (34%)



- Cyan (34%)
- Magenta (63%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A85E80 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 A85E80 by changing the saturation by 10% instead.



 A85E80

 A85E80

FFFFFF

 8D4567

 E192B5

 722D4F

 FEADD0

 581338

 FFC9ED

 3F0023

 FFE5FF

 2A000D

 000000

 A85E80

 A85E80

 A84D77

 A86F89

 A83C6E

 A88092

 A82C65

 A8909B

 A81B5C

 A8A1A4

 A80A53

 A8B2AD

 A8004D

 A8C3B6

 A8D4C0

 A8E4C9

 A8F5D2

# Harmonies

## Analogous

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



91669B



A85E80



AE5E62

# Triad

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



A85E80



737A3C



0082A2

# Complementary

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



A85E80



5EA886

# 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.



008589



A85E80



51814E

# Square

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



A85E80



90703A



20846B



2D7BAF

# Rectangle

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



A85E80



A96350



20846B



00839B



# Sweetspot

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



A85E80



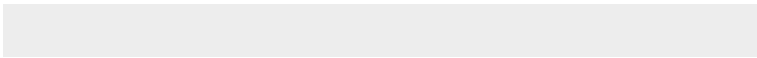
DBBFCC



855EA8



6E5C64



EDEDED



6E6E6E



# Same Dimension

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



A85E80



DB679C



A8605E



544C50



940044



140009



# Inverse Universe

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



A85E80



DB679C



5EA6A8



544C50



940044



140009



# Previews

## White Background



This preview shows how the Hex color A85E80 looks on a white background.

## Color Contrast Check

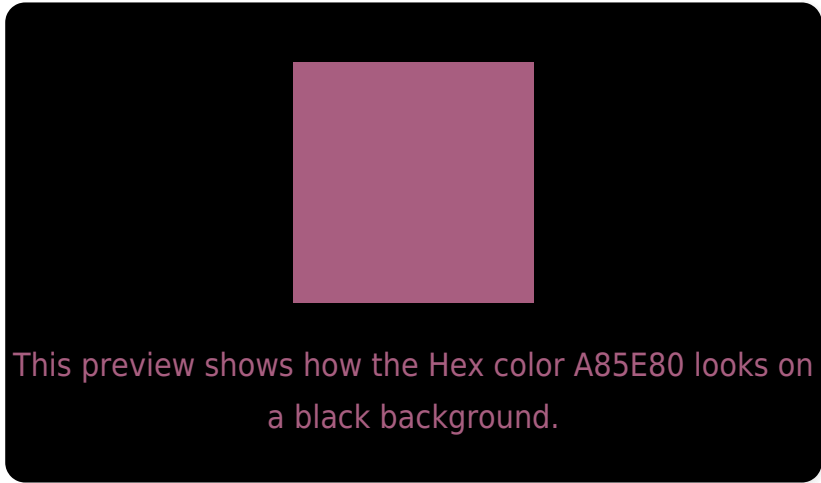
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

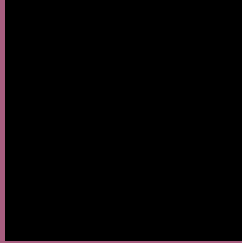
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A85E80 Background



This preview shows how black text looks on a background with the Hex color A85E80.



This preview shows how white text looks on a background with the Hex color A85E80.

# 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



**Original Color**  
A85E80

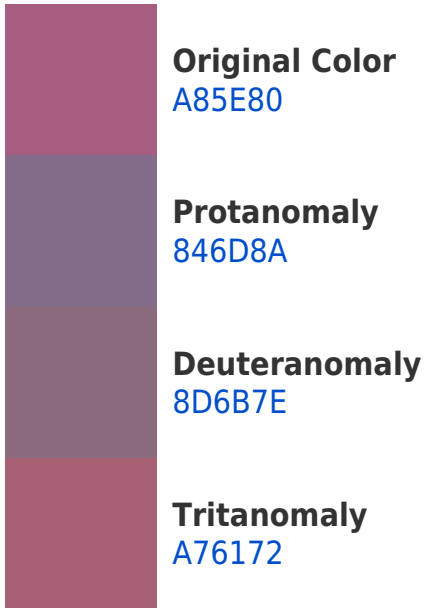
**Protanopia**  
70758F

**Deuteranopia**  
7E727D

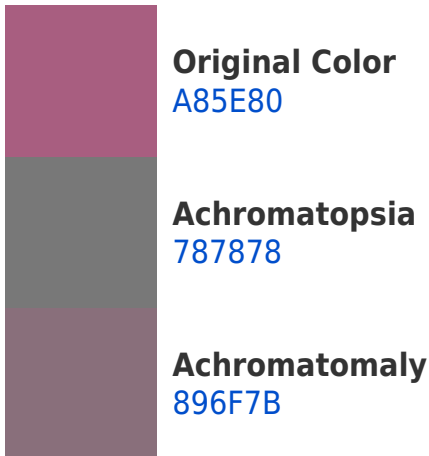


**Tritanopia**  
A6626A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A85E80 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 #A85E80 looks like.

```
.text, #text, p{  
    color:#A85E80  
}
```

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 #A85E80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A85E80
}
```

## Border

The CSS property to change the border of an element to Hex A85E80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

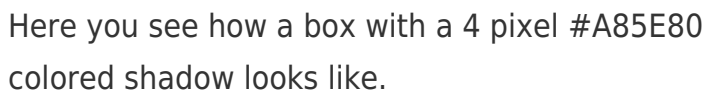
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A85E80 }
```

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

```
.border{ border-color:#A85E80 }
```

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



Here you see how a box with a 4 pixel `#A85E80` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A85E80; -webkit-box-shadow:4px 4px  
4px 4px #A85E80; box-shadow:4px 4px 4px  
4px #A85E80 }
```

# Background

The CSS property to change the background color of an element to Hex A85E80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A85E80 }
```

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

```
.background{ background-color:#A85E80 }
```

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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