

# Converting Colors

Hex(AE5885)

Have a look what the booklet for  
Hex(AE5885) contains.

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**Color**

**Hex(AE5885)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE5885
RGB	174, 88, 133
RGB Percent	68%, 35%, 52%
CMY	0.3176, 0.6549, 0.4784
CMYK	0.00, 0.49, 0.24, 0.32
HSL	329°, 35%, 51%
HSV	329°, 49%, 68%
XYZ	25.1789, 17.6716, 24.2742
YIQ	118.8440, 36.8110, 32.2270

# Conversions

## Conversions Part 2

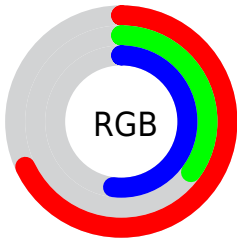
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 88, 133
Decimal	11425925
CIELab	49.10, 40.54, -9.04
CIElCh	49, 41.534, 347.431
Yxy	17.6716, 0.3751, 0.2633
Android (android.graphics.Color)	4289616005 (0xFFAE5885)
YUV	118.8440, 6.9789, 48.3718
Hunter-Lab	42.0376, 33.3490, -4.8101

# Details

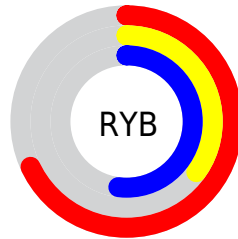
The Hex color **AE5885** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **58AE81**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **E78CBA**, and **772553** is the 20% darker color. If you saturate the color by 10%, you get **AE477D**, and if you desaturate by 10%, it is **AE698D**.

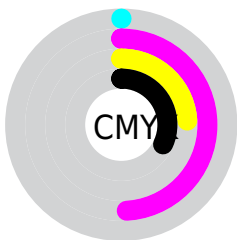
# Distribution



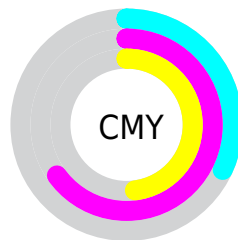
- Red (68%)
- Green (35%)
- Blue (52%)



- Red (68%)
- Yellow (35%)
- Blue (52%)



- Cyan (0%)
- Magenta (49%)
- Yellow (24%)
- Black (32%)



- Cyan (32%)
- Magenta (65%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE5885 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 AE5885 by changing the saturation by 10% instead.



 AE5885

 AE5885

FFFFFF

 923F6C

 E78CBA

 772553

 FFA8D6

 5D063C

 FFC3F2

 430027

 FFE0FF

 2D0012

 FFFDFD

 000000

 AE5885

 AE5885

 AE477D

 AE698D

 AE3574

 AE7B96

 AE246C

 AE8C9E

 AE1264

 AE9EA6

 AE015C

 AEAFAE

 AE005B

 AEC0B7

 AED2BF

 AEE3C7

 AEF5D0

# Harmonies

## Analogous

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



9163A5



AE5885



B65761

# Triad

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



AE5885



75792E



0084A8

# Complementary

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



AE5885



58AE81

# 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.



008689



AE5885



4C8143

# Square

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



AE5885



956E2E



008564



007DB9

# Rectangle

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



AE5885



B25C4C



008564



00859E



# Sweetspot

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



AE5885



E3C1D3



8058AE



735E69



F2F2F2



737373



# Same Dimension

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



AE5885



E35DA3



AE585B



574E53



96004F



17000C



# Inverse Universe

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



AE5885



E35DA3



58AEAB



574E53



96004F

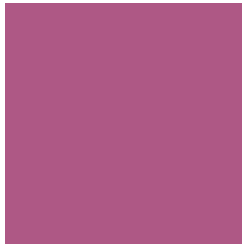


17000C



# Previews

## White Background



This preview shows how the Hex color AE5885 looks on a white background.

## Color Contrast Check

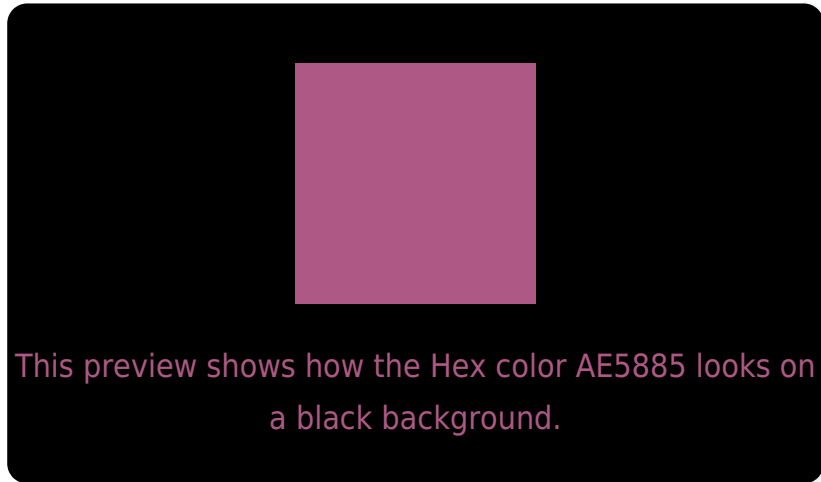
Large Text (above 18pt) WCAG AA ✓ Pass

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

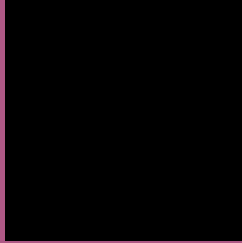
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AE5885 Background



This preview shows how black text looks on a background with the Hex color AE5885.




This preview shows how white text looks on a background with the Hex color AE5885.

# 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**  
AB5E65

# Trichromacy



**Original Color**  
AE5885

**Protanomaly**  
846A91

**Deuteranomaly**  
8E6982

**Tritanomaly**  
AC5C71

# Monochromacy



**Original Color**  
AE5885

**Achromatopsia**  
777777

**Achromatomaly**  
8B6C7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE5885 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 #AE5885 looks like.

```
.text, #text, p{  
    color:#AE5885  
}
```

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 #AE5885 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE5885
}
```

## Border

The CSS property to change the border of an element to Hex AE5885 is called "border". The border property can be set on classes, ids or directly on the HTML element.

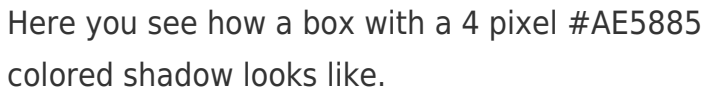
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE5885 }
```

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

```
.border{ border-color:#AE5885 }
```

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



Here you see how a box with a 4 pixel #AE5885 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE5885; -webkit-box-shadow:4px 4px  
4px 4px #AE5885; box-shadow:4px 4px 4px  
4px #AE5885 }
```

# Background

The CSS property to change the background color of an element to Hex AE5885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE5885 }
```

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

```
.background{ background-color:#AE5885 }
```

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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