

# Converting Colors

Hex(AE6885)

Have a look what the booklet for  
Hex(AE6885) contains.

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# Color

**Hex(AE6885)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE6885
RGB	174, 104, 133
RGB Percent	68%, 41%, 52%
CMY	0.3176, 0.5922, 0.4784
CMYK	0.00, 0.40, 0.24, 0.32
HSL	335°, 30%, 55%
HSV	335°, 40%, 68%
XYZ	26.6395, 20.5928, 24.7610
YIQ	128.2360, 32.4110, 23.8590

# Conversions

## Conversions Part 2

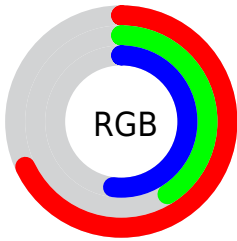
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	174, 104, 133
Decimal	11430021
CIE Lab	52.50, 31.95, -3.97
CIE LCh	53, 32.198, 352.914
Yxy	20.5928, 0.3700, 0.2860
Android (android.graphics.Color)	4289620101 (0xFFAE6885)
YUV	128.2360, 2.3487, 40.1350
Hunter-Lab	45.3792, 25.3733, -0.5859

# Details

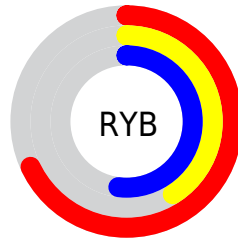
The Hex color **AE6885** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **68AE91**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **E79CBA**, and **783754** is the 20% darker color. If you saturate the color by 10%, you get **AE577B**, and if you desaturate by 10%, it is **AE798F**.

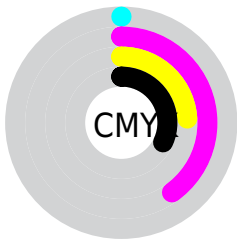
# Distribution



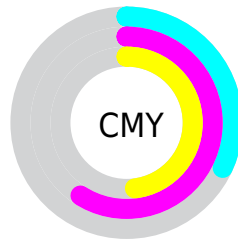
- Red (68%)
- Green (41%)
- Blue (52%)



- Red (68%)
- Yellow (41%)
- Blue (52%)



- Cyan (0%)
- Magenta (40%)
- Yellow (24%)
- Black (32%)



- Cyan (32%)
- Magenta (59%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE6885 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 AE6885 by changing the saturation by 10% instead.



 AE6885

 AE6885

FFFFFF

 934F6C

 E79CBA

 783754

 FF8D6

 5E1F3C

 FFD4F2

 440427

 FFF0FF

 2E0012

 000000

 AE6885

 AE6885

 AE577B

 AE798F

 AE4571

 AE8B99

 AE3466

 AE9CA4

 AE225C

 AEAEAE

 AE1152

 AEBFB8

 AE0048

 AED0C2

 AEE2CC

 AEF3D7

 AEFFE1

# Harmonies

## Analogous

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



9A6E9F



AE6885



B36969

# Triad

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



AE6885



7A8249



0089A9

# Complementary

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



AE6885



68AE91

# 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.



008C92



AE6885



59885B

# Square

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



AE6885



957946



328B76



4782B4

# Rectangle

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



AE6885



AE6D59



328B76



008AA2



# Sweetspot

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



AE6885



E3C8D3



9168AE



736369



F2F2F2



737373



# Same Dimension

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



AE6885



E376A3



AE6E68



574E52



96003E



17000A



# Inverse Universe

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



AE6885



E376A3



68A8AE



574E52



96003E

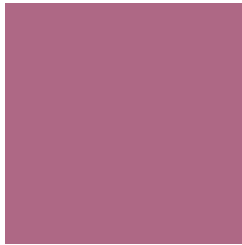


17000A



# Previews

## White Background



This preview shows how the Hex color AE6885 looks on a white background.

## Color Contrast Check

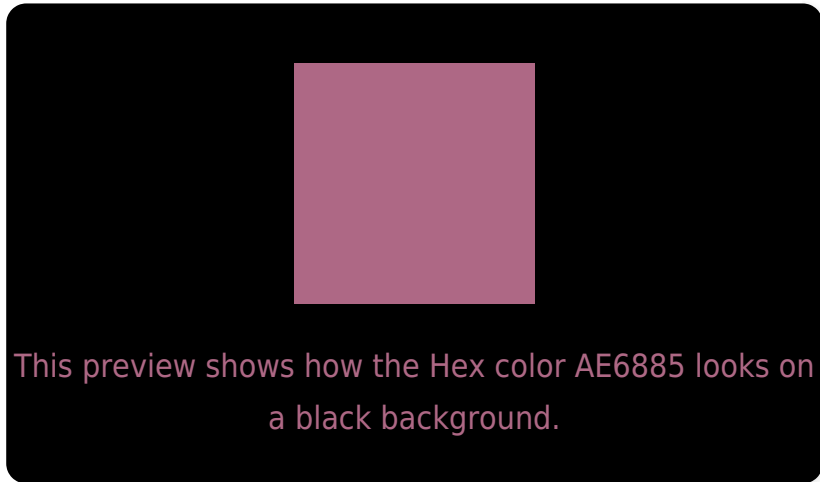
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

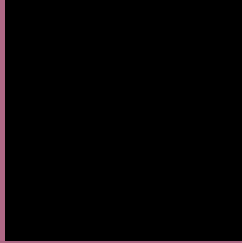
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AE6885 Background



This preview shows how black text looks on a background with the Hex color AE6885.

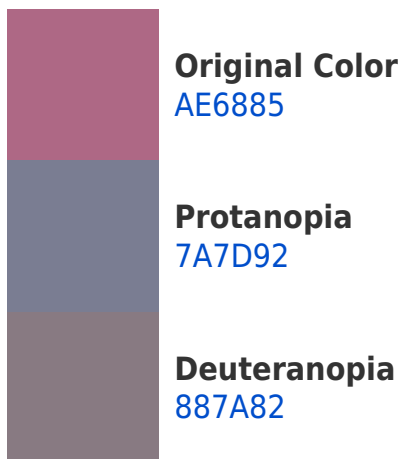


This preview shows how white text looks on a background with the Hex color AE6885.

# 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**  
AC6B73

# Trichromacy



**Original Color**  
AE6885

**Protanomaly**  
8D758D

**Deuteranomaly**  
967383

**Tritanomaly**  
AD6A7A

# Monochromacy



**Original Color**  
AE6885

**Achromatopsia**  
808080

**Achromatomaly**  
917782

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE6885 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 #AE6885 looks like.

```
.text, #text, p{  
    color:#AE6885  
}
```

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 #AE6885 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE6885
}
```

## Border

The CSS property to change the border of an element to Hex AE6885 is called "border". The border property can be set on classes, ids or directly on the HTML element.

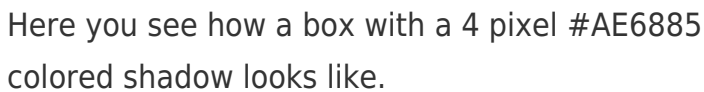
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE6885 }
```

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

```
.border{ border-color:#AE6885 }
```

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



Here you see how a box with a 4 pixel #AE6885 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE6885; -webkit-box-shadow:4px 4px  
4px 4px #AE6885; box-shadow:4px 4px 4px  
4px #AE6885 }
```

# Background

The CSS property to change the background color of an element to Hex AE6885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE6885 }
```

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

```
.background{ background-color:#AE6885 }
```

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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