

# Converting Colors

Hex(AE6B87)

Have a look what the booklet for  
Hex(AE6B87) contains.

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# Color

**Hex(AE6B87)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | AE6B87                     |
| RGB           | 174, 107, 135              |
| RGB Percent   | 68%, 42%, 53%              |
| CMY           | 0.3176, 0.5804, 0.4706     |
| CMYK          | 0.00, 0.39, 0.22, 0.32     |
| HSL           | 335°, 29%, 55%             |
| HSV           | 335°, 39%, 68%             |
| XYZ           | 27.0864, 21.2633, 25.5983  |
| YIQ           | 130.2250, 30.9440, 22.9120 |

# Conversions

## Conversions Part 2

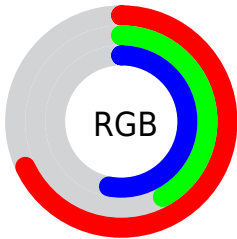
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 174, 107, 135                |
| Decimal                             | 11430791                     |
| CIELab                              | 53.24, 30.60, -4.06          |
| CIELCh                              | 53, 30.870, 352.435          |
| Yxy                                 | 21.2633, 0.3663,<br>0.2875   |
| Android<br>(android.graphics.Color) | 4289620871<br>(0xFFAE6B87)   |
| YUV                                 | 130.2250, 2.3541,<br>38.3907 |
| Hunter-Lab                          | 46.1122, 24.1551,<br>-0.6352 |

# Details

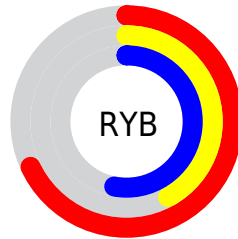
The Hex color **AE6B87** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6BAE92**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **E79FBC**, and **783A55** is the 20% darker color. If you saturate the color by 10%, you get **AE5A7D**, and if you desaturate by 10%, it is **AE7C91**.

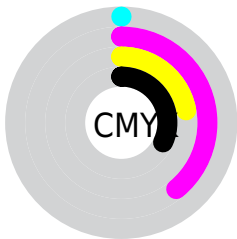
# Distribution



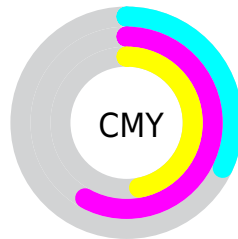
- Red (68%)
- Green (42%)
- Blue (53%)



- Red (68%)
- Yellow (42%)
- Blue (53%)



- Cyan (0%)
- Magenta (39%)
- Yellow (22%)
- Black (32%)



- Cyan (32%)
- Magenta (58%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE6B87 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 AE6B87 by changing the saturation by 10% instead.



 AE6B87

 AE6B87

FFFFFF

 93526E

 E79FBC

 783A55

 FFBBD8

 5E223E

 FFD7F4

 450928

 FFF3FF

 2E0014

 040000

 000000

 AE6B87

 AE6B87

 AE5A7D

 AE7C91

 AE4873

 AE8E9B

 AE3769

 AE9FA5

 AE255E

 AEB1B0

 AE1454

 AEC2BA

 AE034A

 AED3C4

 AE0049

 AEE5CE

 AEF6D8

 AEFFE2

# Harmonies

## Analogous

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



9A71A0



AE6B87



B36B6C

# Triad

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



AE6B87



7C844D



198AA8

# Complementary

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



AE6B87



6BAE92

# 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.



0E8D92



AE6B87



5E8A5E

# Square

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



AE6B87



977B4A



3A8D77



4C84B3

# Rectangle

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



AE6B87



AE6F5D



3A8D77



078BA2



# Sweetspot

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



AE6B87



E3C8D3



916BAE



736369



F2F2F2



737373



# Same Dimension

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



AE6B87



E37BA6



AE6F6B



574E52



96003F



17000A



# Inverse Universe

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



AE6B87



E37BA6



6BAAAE



574E52



96003F

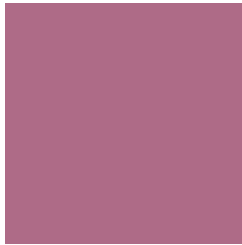


17000A



# Previews

## White Background



This preview shows how the Hex color AE6B87 looks on a white background.

## Color Contrast Check

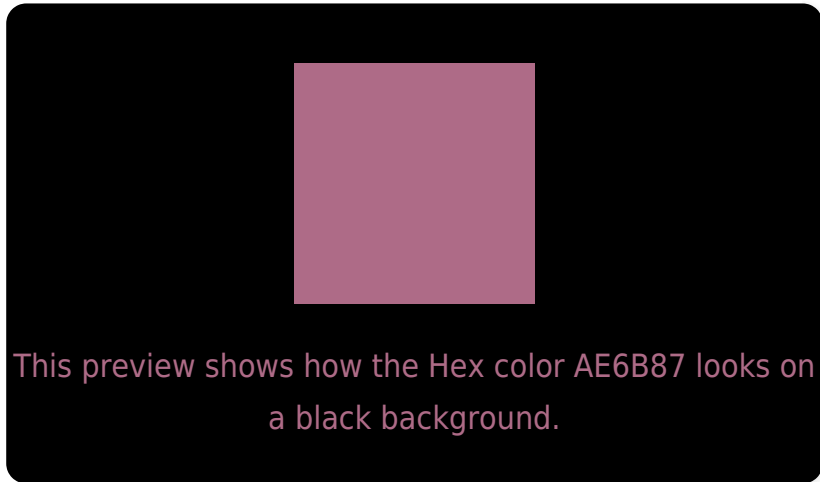
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE6B87 Background



This preview shows how black text looks on a background with the Hex color AE6B87.



This preview shows how white text looks on a background with the Hex color AE6B87.

# Color Blindness Simulation

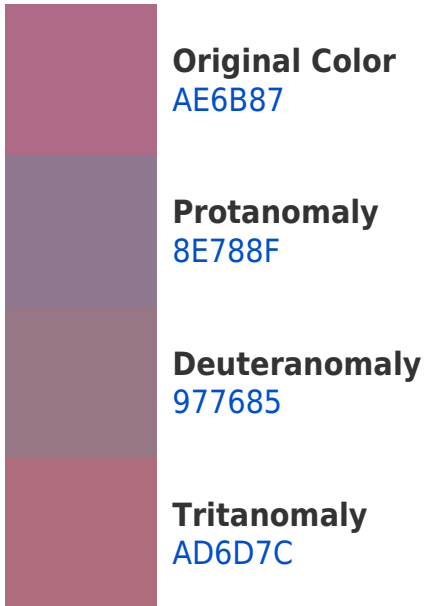
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

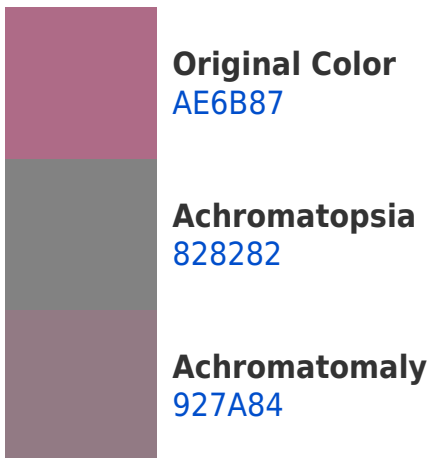




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE6B87 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 #AE6B87 looks like.

```
.text, #text, p{  
    color:#AE6B87  
}
```

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 #AE6B87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE6B87
}
```

## Border

The CSS property to change the border of an element to Hex AE6B87 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
#AE6B87 }
```

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

```
.border{ border-color:#AE6B87 }
```

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

Here you see how a box with a 4 pixel #AE6B87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE6B87; -webkit-box-shadow:4px 4px  
4px 4px #AE6B87; box-shadow:4px 4px 4px  
4px #AE6B87 }
```

# Background

The CSS property to change the background color of an element to Hex AE6B87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE6B87 }
```

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

```
.background{ background-color:#AE6B87 }
```

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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