

# Converting Colors

Hex(AE5970)

Have a look what the booklet for  
Hex(AE5970) contains.

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**Color**

**Hex(AE5970)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE5970
RGB	174, 89, 112
RGB Percent	68%, 35%, 44%
CMY	0.3176, 0.6510, 0.5608
CMYK	0.00, 0.49, 0.36, 0.32
HSL	344°, 34%, 52%
HSV	344°, 49%, 68%
XYZ	23.9526, 17.3133, 17.4086
YIQ	117.0370, 43.2770, 25.1730

# Conversions

## Conversions Part 2

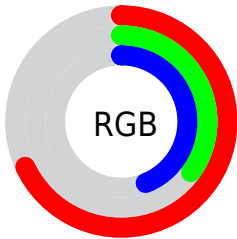
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	174, 89, 112
Decimal	11426160
CIE <sub>Lab</sub>	48.65, 37.15, 2.92
CIE <sub>LCh</sub>	49, 37.262, 4.493
Yxy	17.3133, 0.4082, 0.2951
Android (android.graphics.Color)	4289616240 (0xFFAE5970)
YUV	117.0370, -2.4832, 49.9566
Hunter-Lab	41.6092, 29.9383, 4.3205

# Details

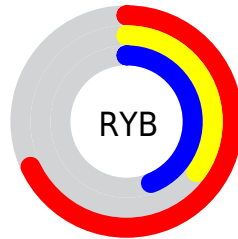
The Hex color **AE5970** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **59AE97**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **E88DA4**, and **772740** is the 20% darker color. If you saturate the color by 10%, you get **AE4863**, and if you desaturate by 10%, it is **AE6A7D**.

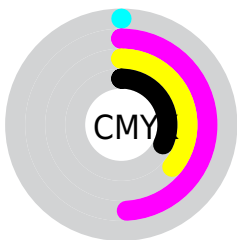
# Distribution



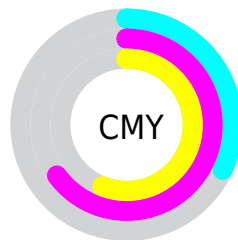
- Red (68%)
- Green (35%)
- Blue (44%)



- Red (68%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (49%)
- Yellow (36%)
- Black (32%)



- Cyan (32%)
- Magenta (65%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE5970 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 AE5970 by changing the saturation by 10% instead.



 AE5970

 AE5970

FFFFFF

 924058

 E88DA4

 772740

 FFA8BF

 5C0B2B

 FFC4DA

 420016

 FFE0F7

 2C0001

 FFFDF7

 000000

 AE5970

 AE5970

 AE4863

 AE6A7D

 AE3657

 AE7C89

 AE254A

 AE8D96

 AE133D

 AE9FA3

 AE0231

 AE80AF

 AE002F

 AEC1BC

 AED3C9

 AEE4D6

 AEF6E2

# Harmonies

## Analogous

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



9E5E8F



AE5970



AC5E52

# Triad

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



AE5970



617C3E



007EAC

# Complementary

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



AE5970



59AE97

# 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.



008396



AE5970



368157

# Square

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



AE5970



827333



008477



4675B2

# Rectangle

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



AE5970



A36441



008477



0080A6



# Sweetspot

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



AE5970



E3C1CA



9659AE



735E64



F2F2F2



737373



# Same Dimension

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



AE5970



E35D81



AE6B59



574E50



960029



170006



# Inverse Universe

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



AE5970



E35D81



599CAE



574E50



960029

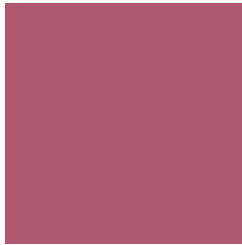


170006



# Previews

## White Background



This preview shows how the Hex color AE5970 looks on a white background.

## Color Contrast Check

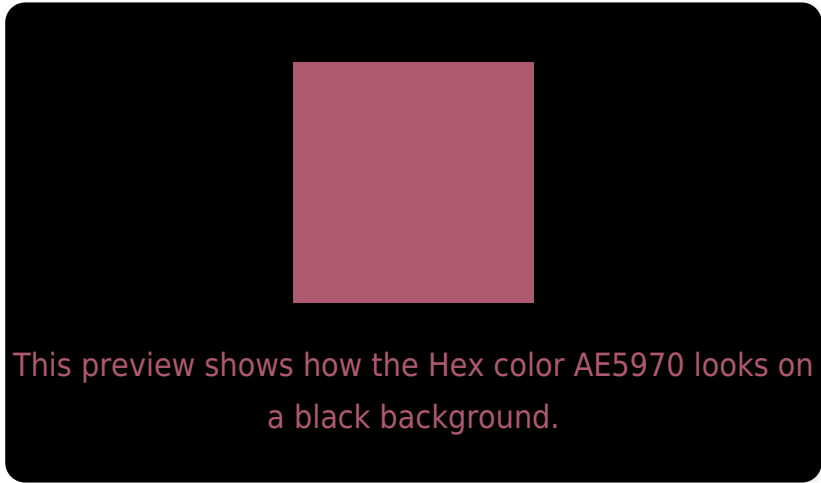
Large Text (above 18pt) WCAG AA ✓ Pass

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

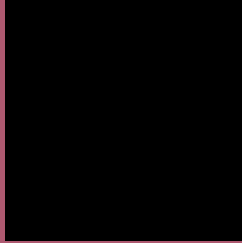
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AE5970 Background



This preview shows how black text looks on a background with the Hex color AE5970.

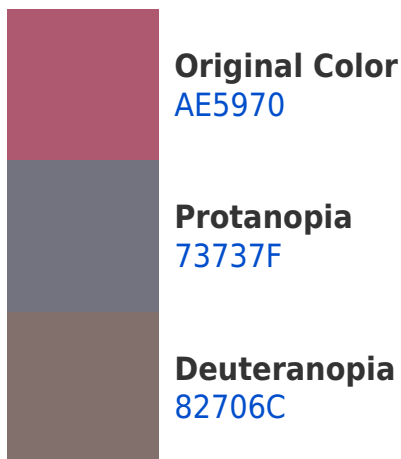


This preview shows how white text looks on a background with the Hex color AE5970.

# Color Blindness Simulation

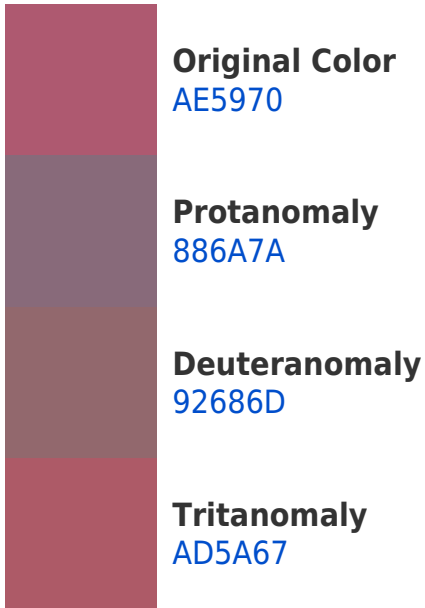
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE5970 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 #AE5970 looks like.

```
.text, #text, p{  
    color:#AE5970  
}
```

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 #AE5970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE5970
}
```

## Border

The CSS property to change the border of an element to Hex AE5970 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
#AE5970 }
```

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

```
.border{ border-color:#AE5970 }
```

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

Here you see how a box with a 4 pixel #AE5970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE5970; -webkit-box-shadow:4px 4px  
4px 4px #AE5970; box-shadow:4px 4px 4px  
4px #AE5970 }
```

# Background

The CSS property to change the background color of an element to Hex AE5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE5970 }
```

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

```
.background{ background-color:#AE5970 }
```

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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