

# Converting Colors

Hex(AE73A0)

Have a look what the booklet for  
Hex(AE73A0) contains.

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# **Color**

**Hex(AE73A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AE73A0
RGB	174, 115, 160
RGB Percent	68%, 45%, 63%
CMY	0.3176, 0.5490, 0.3725
CMYK	0.00, 0.34, 0.08, 0.32
HSL	314°, 27%, 57%
HSV	314°, 34%, 68%
XYZ	29.9315, 23.7982, 36.2737
YIQ	137.7710, 20.7190, 26.5030

# Conversions

## Conversions Part 2

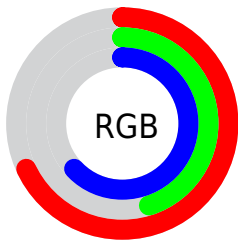
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 115, 160
Decimal	11432864
CIELab	55.89, 30.32, -14.71
CIELCh	56, 33.701, 334.128
Yxy	23.7982, 0.3326, 0.2644
Android (android.graphics.Color)	4289622944 (0xFFAE73A0)
YUV	137.7710, 10.9589, 31.7728
Hunter-Lab	48.7834, 24.1492, -9.9376

# Details

The Hex color **AE73A0** is a light color, and the websafe version is hex **996699**. A complement of this color would be **73AE81**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **E6A8D7**, and **78416C** is the 20% darker color. If you saturate the color by 10%, you get **AE629C**, and if you desaturate by 10%, it is **AE84A4**.

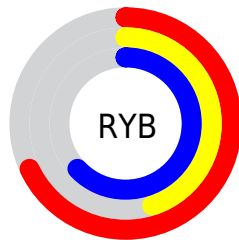
# Distribution



Red (68%)

Green (45%)

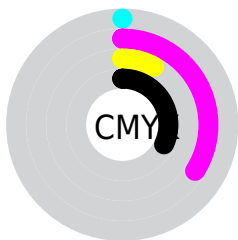
Blue (63%)



Red (68%)

Yellow (45%)

Blue (63%)

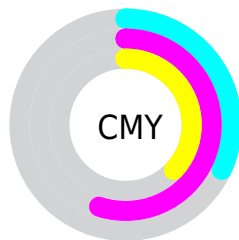


Cyan (0%)

Magenta (34%)

Yellow (8%)

Black (32%)



Cyan (32%)

Magenta (55%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE73A0 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 AE73A0 by changing the saturation by 10% instead.



 AE73A0

 AE73A0

FFFFFF

 935A86

 E6A8D7

 78416C

 FFC3F3

 5F2A54

 FFDFFF

 46123D

 FFFCFF

 2F0027

 150011

 000000

 AE73A0

 AE73A0

 AE629C

 AE84A4

 AE5098

 AE96A8

 AE3F94

 AEA7AC

 AE2D8F

 AEB9B1

 AE1C8B

 AECAB5

 AE0B87

 AEDBB9

 AE0085

 AEEDBD

 AE FEC1

 AE FF C5

# Harmonies

## Analogous

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



8E7DB6



AE73A0



BD6F83

# Triad

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



AE73A0



95864B



0094A6

# Complementary

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



AE73A0



73AE81

# 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.



239589



AE73A0



768E54

# Square

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



AE73A0



AE7B52



52936B



2590BA

# Rectangle

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



AE73A0



BE7070



52936B



00959D



# Sweetspot

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



AE73A0



E3CCDE



8173AE



73656F



F2F2F2



737373



# Same Dimension

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



AE73A0



E386CD



AE7383



574E55



960073



170012



# Inverse Universe

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



AE73A0



E386CD



73AE9E



574E55



960073

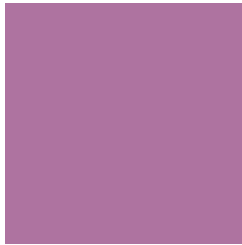


170012



# Previews

## White Background



This preview shows how the Hex color AE73A0 looks on a white background.

## Color Contrast Check

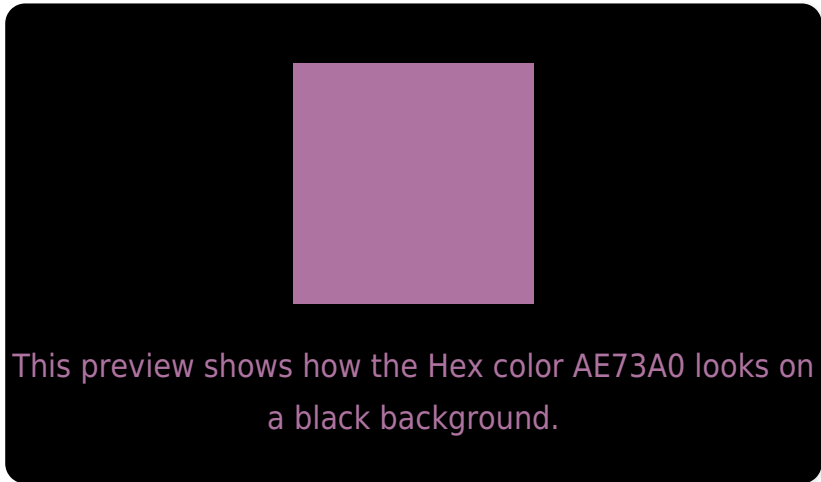
Large Text (above 18pt) WCAG AA ✓ Pass

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

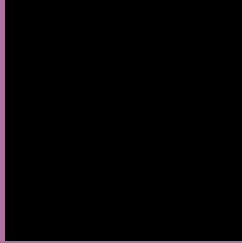
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AE73A0 Background



This preview shows how black text looks on a background with the Hex color AE73A0.

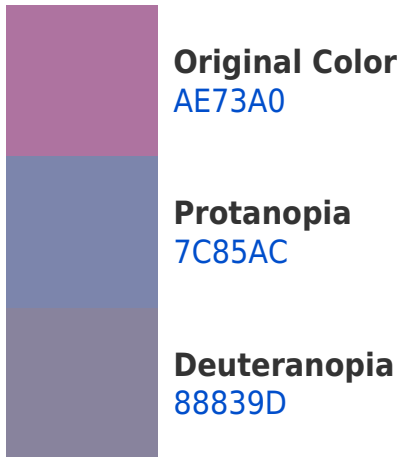


This preview shows how white text looks on a background with the Hex color AE73A0.

# 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**  
AA7982

# Trichromacy



**Original Color**  
AE73A0

**Protanomaly**  
8E7EA8

**Deuteranomaly**  
967D9E

**Tritanomaly**  
AB778D

# Monochromacy



**Original Color**  
AE73A0

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
978292

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE73A0 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 #AE73A0 looks like.

```
.text, #text, p{  
    color:#AE73A0  
}
```

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 #AE73A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE73A0  
}
```

## Border

The CSS property to change the border of an element to Hex AE73A0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

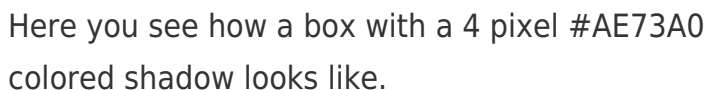
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AE73A0 }
```

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

```
.border{ border-color:#AE73A0 }
```

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



Here you see how a box with a 4 pixel `#AE73A0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE73A0; -webkit-box-shadow:4px 4px  
4px 4px #AE73A0; box-shadow:4px 4px 4px  
4px #AE73A0 }
```

# Background

The CSS property to change the background color of an element to Hex AE73A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE73A0 }
```

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

```
.background{ background-color:#AE73A0 }
```

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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