

# Converting Colors

Hex(AE3773)

Have a look what the booklet for  
Hex(AE3773) contains.

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**Color**

**Hex(AE3773)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE3773
RGB	174, 55, 115
RGB Percent	68%, 22%, 45%
CMY	0.3176, 0.7843, 0.5490
CMYK	0.00, 0.68, 0.34, 0.32
HSL	330°, 52%, 45%
HSV	330°, 68%, 68%
XYZ	21.9163, 12.9689, 17.5678
YIQ	97.4210, 51.6640, 43.8880

# Conversions

## Conversions Part 2

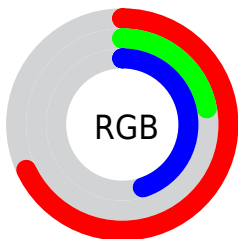
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	174, 55, 115
Decimal	11417459
CIE <sub>Lab</sub>	42.72, 53.52, -7.65
CIE <sub>LCh</sub>	43, 54.061, 351.870
Yxy	12.9689, 0.4178, 0.2472
Android (android.graphics.Color)	4289607539 (0xFFAE3773)
YUV	97.4210, 8.6664, 67.1598
Hunter-Lab	36.0123, 45.6095, -3.7147

# Details

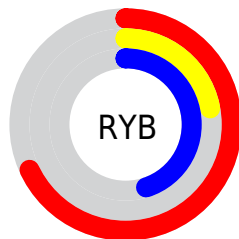
The Hex color **AE3773** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **37AE72**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **E96EA7**, and **750043** is the 20% darker color. If you saturate the color by 10%, you get **AE266A**, and if you desaturate by 10%, it is **AE487C**.

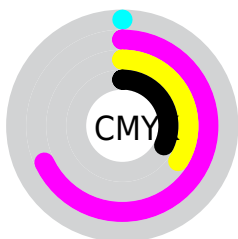
# Distribution



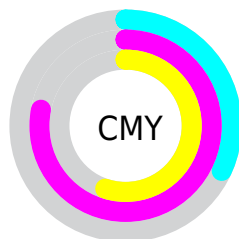
- Red (68%)
- Green (22%)
- Blue (45%)



- Red (68%)
- Yellow (22%)
- Blue (45%)



- Cyan (0%)
- Magenta (68%)
- Yellow (34%)
- Black (32%)



- Cyan (32%)
- Magenta (78%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE3773 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 AE3773 by changing the saturation by 10% instead.



 AE3773

 AE3773

FFFFFF

 91175A

 E96EA7

 750043

 FF8AC2

 5A002D

 FFA5DE

 400019

 FFC2FB

 240001

 FFDFFF

 000000

 FFFCFF

 AE3773

 AE3773

 AE266A

 AE487C

 AE1462

 AE5A84

 AE0359

 AE6B8D

 AE0058

 AE7D96

 AE8E9E

 AE9FA7

 AEB1AF

 AEC2B8

 AED4C1

# Harmonies

## Analogous

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



8E499D



AE3773



B33946

# Triad

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



AE3773



5A6C00



0076AB

# Complementary

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



AE3773



37AE72

# 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.



007985



AE3773



197429

# Square

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



AE3773



845F00



007857



006EBE

# Rectangle

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



AE3773



AA452B



007857



0078A0



# Sweetspot

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



AE3773



E3B3CB



7137AE



735665



F2F2F2



737373



# Same Dimension

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



AE3773



E32987



AE3739



574E52



96004C



17000C



# Inverse Universe

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



AE3773



E32987



37AEAC



574E52



96004C



17000C



# Previews

## White Background



This preview shows how the Hex color AE3773 looks on a white background.

## Color Contrast Check

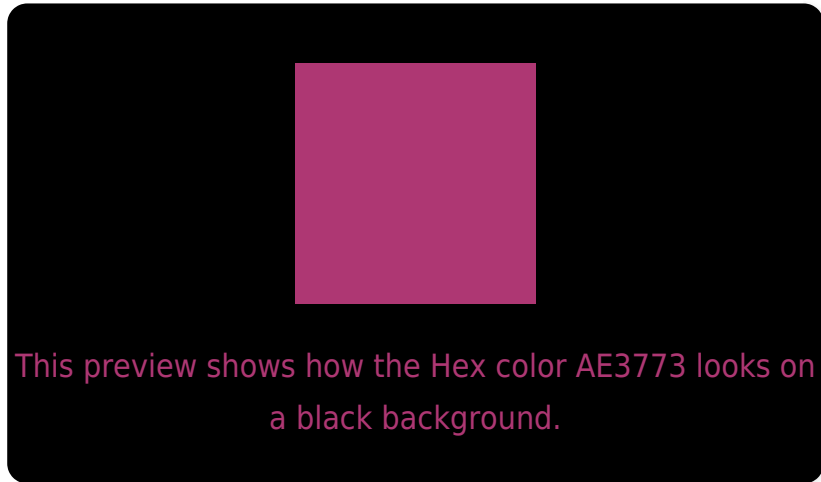
Large Text (above 18pt) WCAG AA ✓ Pass

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

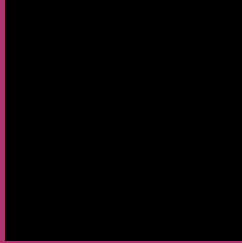
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AE3773 Background



This preview shows how black text looks on a background with the Hex color AE3773.

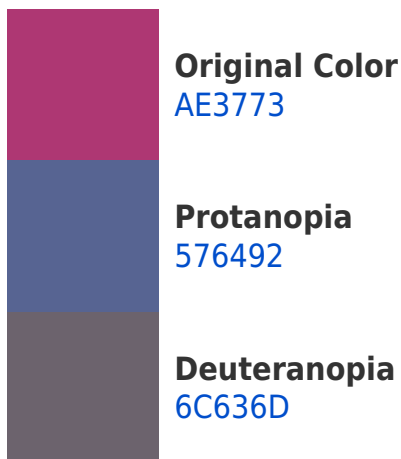



This preview shows how white text looks on a background with the Hex color AE3773.

# 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**  
AB4246

# Trichromacy



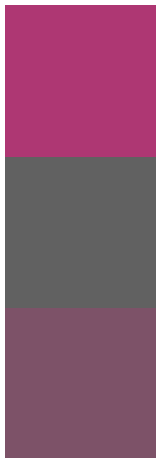
**Original Color**  
AE3773

**Protanomaly**  
775487

**Deuteranomaly**  
84536F

**Tritanomaly**  
AC3E56

# Monochromacy



**Original Color**  
AE3773

**Achromatopsia**  
616161

**Achromatomaly**  
7D5268

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE3773 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 #AE3773 looks like.

```
.text, #text, p{  
    color:#AE3773  
}
```

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 #AE3773 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE3773
}
```

## Border

The CSS property to change the border of an element to Hex AE3773 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
#AE3773 }
```

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

```
.border{ border-color:#AE3773 }
```

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

Here you see how a box with a 4 pixel #AE3773 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE3773; -webkit-box-shadow:4px 4px  
4px 4px #AE3773; box-shadow:4px 4px 4px  
4px #AE3773 }
```

# Background

The CSS property to change the background color of an element to Hex AE3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE3773 }
```

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

```
.background{ background-color:#AE3773 }
```

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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