

# Converting Colors

Hex(AE424E)

Have a look what the booklet for  
Hex(AE424E) contains.

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# Color

**Hex(AE424E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE424E
RGB	174, 66, 78
RGB Percent	68%, 26%, 31%
CMY	0.3176, 0.7412, 0.6941
CMYK	0.00, 0.62, 0.55, 0.32
HSL	353°, 45%, 47%
HSV	353°, 62%, 68%
XYZ	20.7789, 13.4452, 8.7077
YIQ	99.6600, 60.5160, 26.6280

# Conversions

## Conversions Part 2

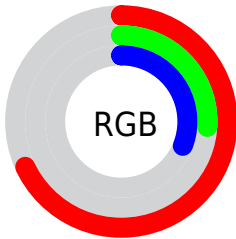
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	174, 66, 78
Decimal	11420238
CIE <sub>Lab</sub>	43.43, 45.06, 16.29
CIE <sub>LCh</sub>	43, 47.913, 19.878
Yxy	13.4452, 0.4840, 0.3132
Android (android.graphics.Color)	4289610318 (0xFFAE424E)
YUV	99.6600, -10.6784, 65.1962
Hunter-Lab	36.6676, 36.9845, 11.5873

# Details

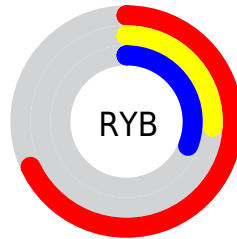
The Hex color **AE424E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **42AEA2**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **EA777F**, and **740422** is the 20% darker color. If you saturate the color by 10%, you get **AE313F**, and if you desaturate by 10%, it is **AE535D**.

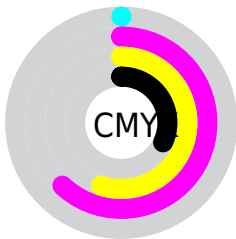
# Distribution



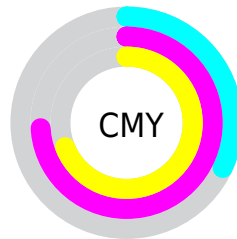
- Red (68%)
- Green (26%)
- Blue (31%)



- Red (68%)
- Yellow (26%)
- Blue (31%)



- Cyan (0%)
- Magenta (62%)
- Yellow (55%)
- Black (32%)



- Cyan (32%)
- Magenta (74%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE424E 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 AE424E by changing the saturation by 10% instead.



 AE424E

 AE424E

FFFFFF

 912737

 EA777F

 740422

 FF9299

 58000D

 FFADB4

 3D0000

 FFC9CF

 1E0001

 FFE6EB

 000000

 AE424E

 AE424E

 AE313F

 AE535D

 AE1F2F

 AE656D

 AE0E20

 AE767C

 AE0013

 AE888C

 AE999B

 AEAAAB

 AEBCBA

 AECDCA

 AEDFD9

# Harmonies

## Analogous

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



A74276



AE424E



A1502A

# Triad

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



AE424E



307530



006FB5

# Complementary

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



AE424E



42AEA2

# 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.



0077A3



AE424E



007957

# Square

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



AE424E



616D11



007980



4D62B2

# Rectangle

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



AE424E



905B17



007980



0072B1



# Sweetspot

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



AE424E



E3B8BD



A142AE



73585B



F2F2F2



737373



# Same Dimension

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



AE424E



E33B4E



AE6B42



574E4F



960011



170003



# Inverse Universe

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



AE424E



E33B4E



4285AE



574E4F



960011



170003



# Previews

## White Background



This preview shows how the Hex color AE424E looks on a white background.

## Color Contrast Check

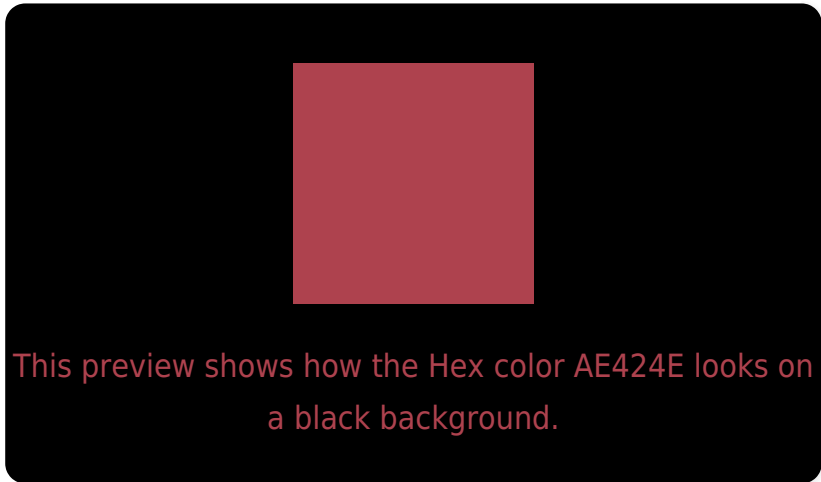
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE424E Background



This preview shows how black text looks on a background with the Hex color AE424E.



This preview shows how white text looks on a background with the Hex color AE424E.

# 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



**Original Color**  
AE424E

**Protanopia**  
6B6760

**Deuteranopia**  
7B6349



# Trichromacy



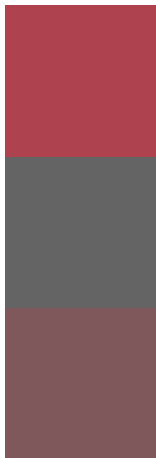
**Original Color**  
AE424E

**Protanomaly**  
835A59

**Deuteranomaly**  
8E574B

**Tritanomaly**  
AE434A

# Monochromacy



**Original Color**  
AE424E

**Achromatopsia**  
646464

**Achromatomaly**  
7F585C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE424E 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 #AE424E looks like.

```
.text, #text, p{  
    color:#AE424E  
}
```

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 #AE424E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE424E
}
```

## Border

The CSS property to change the border of an element to Hex AE424E is called "border". The border property can be set on classes, ids or directly on the HTML element.

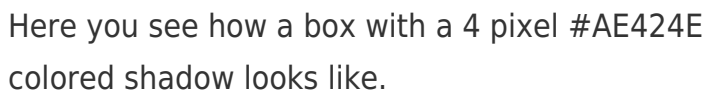
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE424E }
```

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

```
.border{ border-color:#AE424E }
```

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



Here you see how a box with a 4 pixel #AE424E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE424E; -webkit-box-shadow:4px 4px  
4px 4px #AE424E; box-shadow:4px 4px 4px  
4px #AE424E }
```

# Background

The CSS property to change the background color of an element to Hex AE424E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE424E }
```

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

```
.background{ background-color:#AE424E }
```

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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