

# Converting Colors

Hex(AC3A3E)

Have a look what the booklet for  
Hex(AC3A3E) contains.

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# Color

**Hex(AC3A3E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC3A3E
RGB	172, 58, 62
RGB Percent	67%, 23%, 24%
CMY	0.3255, 0.7725, 0.7569
CMYK	0.00, 0.66, 0.64, 0.33
HSL	358°, 50%, 45%
HSV	358°, 66%, 67%
XYZ	19.3958, 12.1446, 5.8793
YIQ	92.5420, 66.6600, 25.4120

# Conversions

## Conversions Part 2

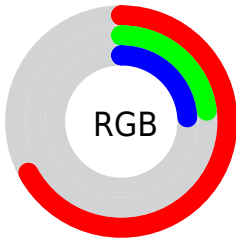
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">172, 58, 62</a>
Decimal	<a href="#">11287102</a>
CIELab	<a href="#">41.44, 46.76, 23.45</a>
CIElCh	<a href="#">41, 52.312, 26.632</a>
Yxy	<a href="#">12.1446, 0.5183, 0.3246</a>
Android (android.graphics.Color)	<a href="#">4289477182 (0xFFAC3A3E)</a>
YUV	<a href="#">92.5420, -15.0572, 69.6847</a>
Hunter-Lab	<a href="#">34.8491, 38.3613, 14.3917</a>

# Details

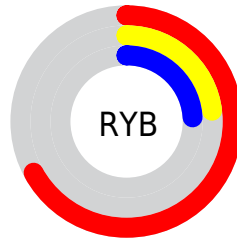
The Hex color **AC3A3E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3AACA8**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **E86F6E**, and **710014** is the 20% darker color. If you saturate the color by 10%, you get **AC292D**, and if you desaturate by 10%, it is **AC4B4F**.

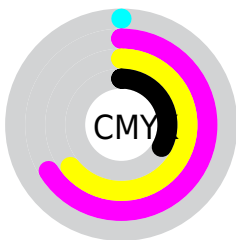
# Distribution



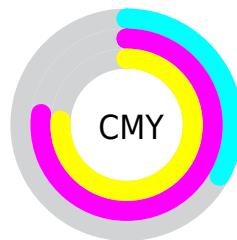
- Red (67%)
- Green (23%)
- Blue (24%)



- Red (67%)
- Yellow (23%)
- Blue (24%)



- Cyan (0%)
- Magenta (66%)
- Yellow (64%)
- Black (33%)



- Cyan (33%)
- Magenta (77%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC3A3E 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 AC3A3E by changing the saturation by 10% instead.




 AC3A3E

 AC3A3E

FFFFFF

 8E1D28

 E86F6E

 710014

 FF8A87

 550000

 FFA6A1

 3A0001

 FFC2BC

 160000

 FFDED8

 000000

 FFFCF4

 AC3A3E

 AC3A3E

 AC292D

 AC4B4F

 AC181D

 AC5C5F

 AC060C

 AC6E70

 AC0006

 AC7F80

 AC9091

 ACA1A2

 ACB2B2

 ACC4C3

 ACD5D3

# Harmonies

## Analogous

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



AB3568



AC3A3E



9A4C17

# Triad

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



AC3A3E



00722F



0068B8

# Complementary

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



AC3A3E



3AACA8

# 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.



0072A9



AC3A3E



00755B

# Square

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



AC3A3E



506B02



007587



5658AF

# Rectangle

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



AC3A3E



865900



007587



006CB6



# Sweetspot

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



AC3A3E



E0B4B5



A63AAC



705556



F0F0F0



707070



# Same Dimension

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



AC3A3E



E02D33



AC6D3A



574E4E



960005



170001



# Inverse Universe

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



AC3A3E



E02D33



3A79AC



574E4E



960005



170001



# Previews

## White Background



This preview shows how the Hex color AC3A3E looks on a white background.

## Color Contrast Check

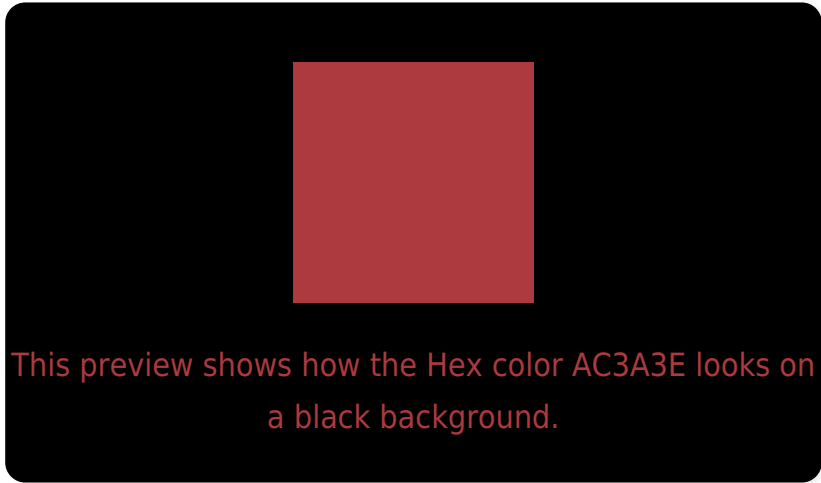
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC3A3E Background



This preview shows how black text looks on a background with the Hex color AC3A3E.



This preview shows how white text looks on a background with the Hex color AC3A3E.

# 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



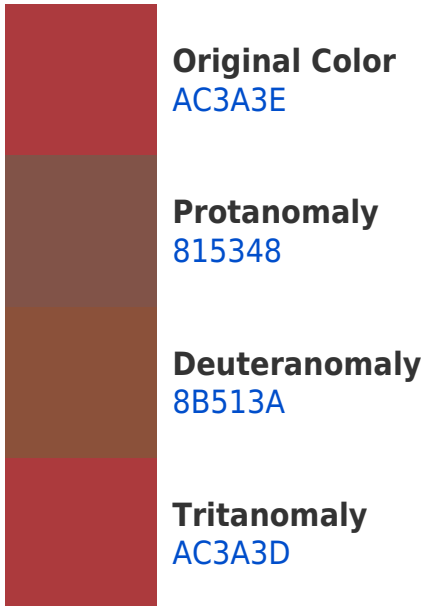
**Original Color**  
AC3A3E

**Protanopia**  
69624E

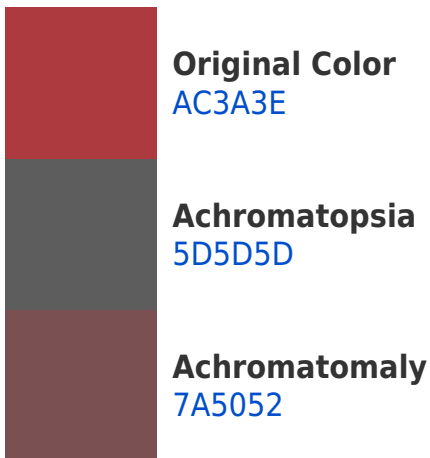
**Deuteranopia**  
785E38



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC3A3E 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 #AC3A3E looks like.

```
.text, #text, p{  
    color:#AC3A3E  
}
```

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 #AC3A3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC3A3E
}
```

## Border

The CSS property to change the border of an element to Hex AC3A3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

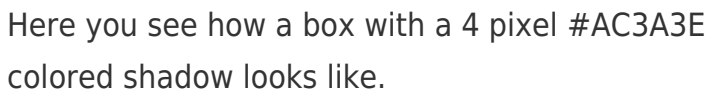
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC3A3E }
```

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

```
.border{ border-color:#AC3A3E }
```

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



Here you see how a box with a 4 pixel `#AC3A3E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC3A3E; -webkit-box-shadow:4px 4px  
4px 4px #AC3A3E; box-shadow:4px 4px 4px  
4px #AC3A3E }
```

# Background

The CSS property to change the background color of an element to Hex AC3A3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC3A3E }
```

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

```
.background{ background-color:#AC3A3E }
```

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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