

# Converting Colors

Hex(A8243E)

Have a look what the booklet for  
Hex(A8243E) contains.

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**Color**

**Hex(A8243E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8243E
RGB	168, 36, 62
RGB Percent	66%, 14%, 24%
CMY	0.3412, 0.8588, 0.7569
CMYK	0.00, 0.79, 0.63, 0.34
HSL	348°, 65%, 40%
HSV	348°, 79%, 66%
XYZ	17.6488, 9.9344, 5.5448
YIQ	78.4320, 70.3260, 36.0700

# Conversions

## Conversions Part 2

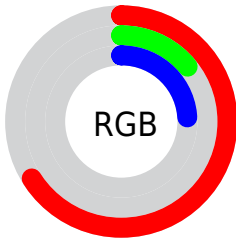
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	168, 36, 62
Decimal	11019326
CIELab	37.72, 53.68, 18.50
CIElCh	38, 56.779, 19.012
Yxy	9.9344, 0.5327, 0.2999
Android (android.graphics.Color)	4289209406 (0xFFA8243E)
YUV	78.4320, -8.1010, 78.5511
Hunter-Lab	31.5189, 44.7922, 11.6330

# Details

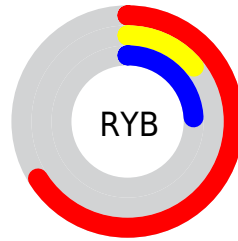
The Hex color **A8243E** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **24A88E**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **E55E6D**, and **6D0014** is the 20% darker color. If you saturate the color by 10%, you get **A81331**, and if you desaturate by 10%, it is **A8354B**.

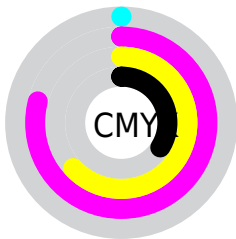
# Distribution



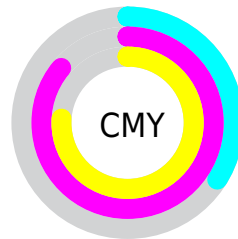
- Red (66%)
- Green (14%)
- Blue (24%)



- Red (66%)
- Yellow (14%)
- Blue (24%)



- Cyan (0%)
- Magenta (79%)
- Yellow (63%)
- Black (34%)



- Cyan (34%)
- Magenta (86%)
- Yellow (76%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8243E 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 A8243E by changing the saturation by 10% instead.



 A8243E

 A8243E

FFFFFF

 8A0028

 E55E6D

 6D0014

 FF7986

 500000

 FF95A1

 350002

 FFB1BC

 020000

 FFCED7

 000000

 FFEBF4

 A8243E

 A8243E

 A81331

 A8354B

 A80223

 A84659

 A80021

 A85666

 A86774

 A87881

 A8898F

 A89A9C

 A8AAAA

 A8BBB7

# Harmonies

## Analogous

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



A1246C



A8243E



993B11

# Triad

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



A8243E



046814



0063B4

# Complementary

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



A8243E



24A88E

# 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.



006B9E



A8243E



006C46

# Square

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



A8243E



515F00



006D76



2754B1

# Rectangle

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



A8243E



864A00



006D76



0067AF



# Sweetspot

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



A8243E



DBA7B1



8E24A8



6E4E54



EDEDED



6E6E6E



# Same Dimension

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



A8243E



DB0D36



A84C24



544C4D



94001D



140004



# Inverse Universe

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



A8243E



DB0D36



2480A8



544C4D



94001D



140004



# Previews

## White Background



This preview shows how the Hex color A8243E looks on a white background.

## Color Contrast Check

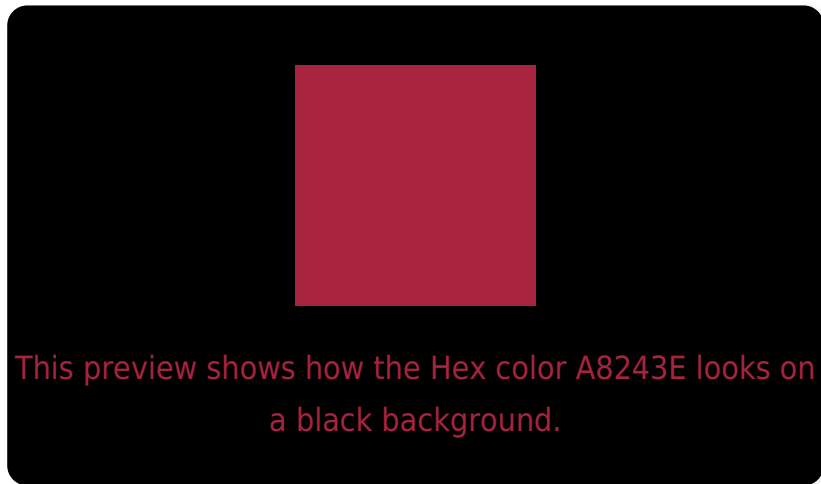
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 A8243E Background



This preview shows how black text looks on a background with the Hex color A8243E.

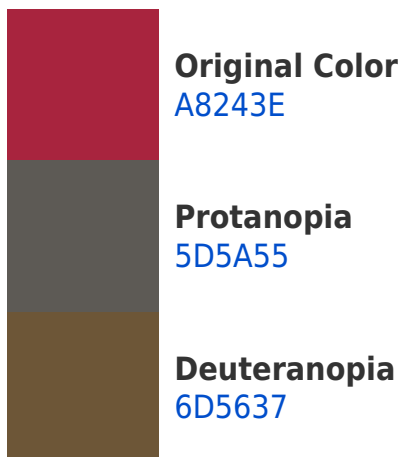


This preview shows how white text looks on a background with the Hex color A8243E.

# 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



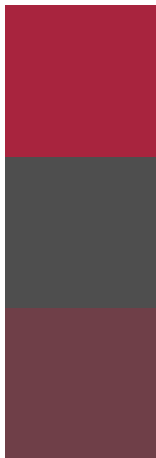
**Original Color**  
A8243E

**Protanomaly**  
78464D

**Deuteranomaly**  
82443A

**Tritanomaly**  
A72731

# Monochromacy



**Original Color**  
A8243E

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
6F3F48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8243E 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 #A8243E looks like.

```
.text, #text, p{  
    color:#A8243E  
}
```

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 #A8243E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8243E
}
```

## Border

The CSS property to change the border of an element to Hex A8243E is called "border". The border property can be set on classes, ids or directly on the HTML element.

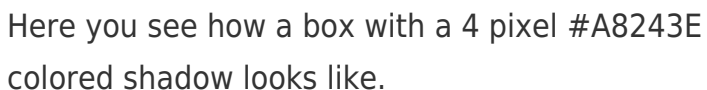
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A8243E }
```

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

```
.border{ border-color:#A8243E }
```

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



Here you see how a box with a 4 pixel `#A8243E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8243E; -webkit-box-shadow:4px 4px  
4px 4px #A8243E; box-shadow:4px 4px 4px  
4px #A8243E }
```

# Background

The CSS property to change the background color of an element to Hex A8243E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8243E }
```

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

```
.background{ background-color:#A8243E }
```

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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