

# Converting Colors

Hex(A93E3B)

Have a look what the booklet for  
Hex(A93E3B) contains.

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# Color

Hex(A93E3B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A93E3B
RGB	169, 62, 59
RGB Percent	66%, 24%, 23%
CMY	0.3373, 0.7569, 0.7686
CMYK	0.00, 0.63, 0.65, 0.34
HSL	2°, 48%, 45%
HSV	2°, 65%, 66%
XYZ	18.8742, 12.1960, 5.4970
YIQ	93.6510, 64.7350, 21.7510

# Conversions

## Conversions Part 2

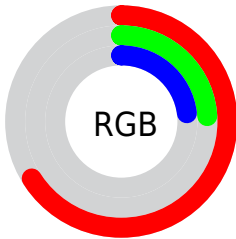
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	169, 62, 59
Decimal	11091515
CIE <sub>Lab</sub>	41.53, 43.75, 25.26
CIE <sub>LCh</sub>	42, 50.521, 30.005
Yxy	12.1960, 0.5162, 0.3335
Android (android.graphics.Color)	4289281595 (0xFFA93E3B)
YUV	93.6510, -17.0829, 66.0811
Hunter-Lab	34.9228, 35.3564, 15.1135

# Details

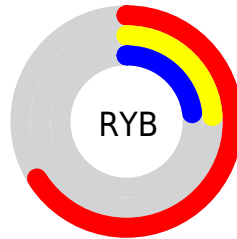
The Hex color **A93E3B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3BA6A9**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **E5726A**, and **6F0011** is the 20% darker color. If you saturate the color by 10%, you get **A92E2A**, and if you desaturate by 10%, it is **A94E4C**.

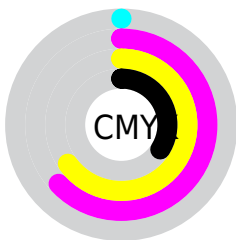
# Distribution



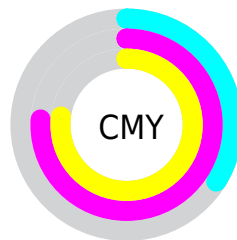
- Red (66%)
- Green (24%)
- Blue (23%)



- Red (66%)
- Yellow (24%)
- Blue (23%)



- Cyan (0%)
- Magenta (63%)
- Yellow (65%)
- Black (34%)



- Cyan (34%)
- Magenta (76%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A93E3B 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 A93E3B by changing the saturation by 10% instead.



 A93E3B

 A93E3B

FFFFFF

 8C2325

 E5726A

 6F0011

 FF8D84

 520000

 FFA99E

 380001

 FFC5B9

 110000

 FFE1D4

 000000

 FFFE11

 A93E3B

 A93E3B

 A92E2A

 A94E4C

 A91D19

 A95F5D

 A90D08

 A96F6E

 A90500

 A9807F

 A9908F

 A9A1A0

 A9B1B1

 A9C2C2

 A9D2D3

# Harmonies

## Analogous

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



AA3764



A93E3B



965016

# Triad

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



A93E3B



007236



0067B5

# Complementary

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



A93E3B



3BA6A9

# 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.



0071AA



A93E3B



007561

# Square

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



A93E3B



4C6B0E



00758A



6057AA

# Rectangle

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



A93E3B



815B00



00758A



006BB4



# Sweetspot

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



A93E3B



DBB1AF



A93BA7



6E5453



EDEDED



6E6E6E



# Same Dimension

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



A93E3B



DB3530



A9743B



544C4C



940400



140100



# Inverse Universe

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



3BA6A9



30D7DB



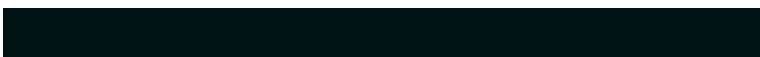
3B70A9



4C5454



009094



001414



# Previews

## White Background



This preview shows how the Hex color A93E3B looks on a white background.

## Color Contrast Check

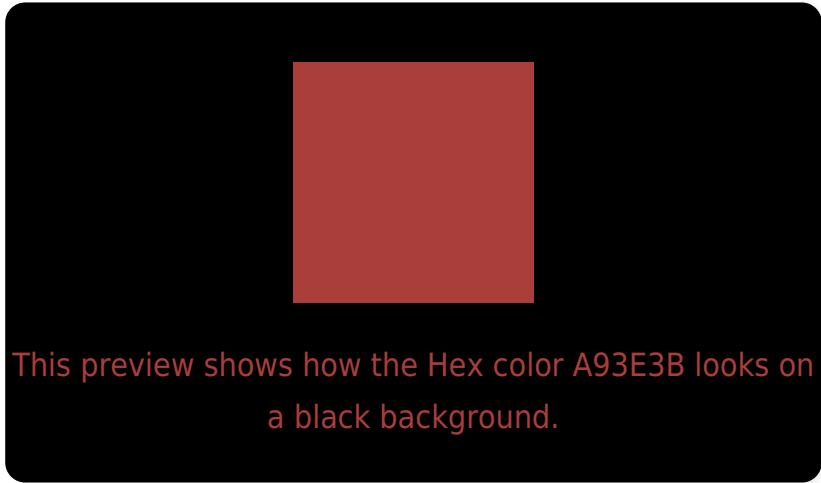
Large Text (above 18pt) WCAG AA ✓ Pass

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 A93E3B Background



This preview shows how black text looks on a background with the Hex color A93E3B.

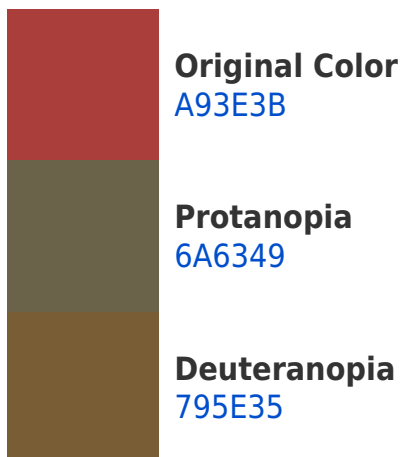


This preview shows how white text looks on a background with the Hex color A93E3B.

# 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**  
A93D41

# Trichromacy



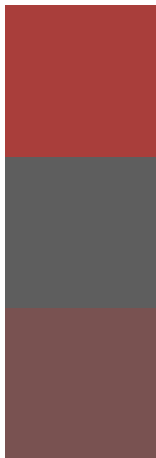
**Original Color**  
A93E3B

**Protanomaly**  
815644

**Deuteranomaly**  
8A5237

**Tritanomaly**  
A93D3F

# Monochromacy



**Original Color**  
A93E3B

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
795251

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A93E3B 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 #A93E3B looks like.

```
.text, #text, p{  
    color:#A93E3B  
}
```

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 #A93E3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A93E3B
}
```

## Border

The CSS property to change the border of an element to Hex A93E3B 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
#A93E3B }
```

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

```
.border{ border-color:#A93E3B }
```

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

Here you see how a box with a 4 pixel #A93E3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A93E3B; -webkit-box-shadow:4px 4px  
4px 4px #A93E3B; box-shadow:4px 4px 4px  
4px #A93E3B }
```

# Background

The CSS property to change the background color of an element to Hex A93E3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A93E3B }
```

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

```
.background{ background-color:#A93E3B }
```

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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