

Converting Colors

Hex(AA3E47)

Have a look what the booklet for
Hex(AA3E47) contains.

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Color

Hex(AA3E47)

Conversions

Conversions Part 1

Format	Color
Hex	AA3E47
RGB	170, 62, 71
RGB Percent	67%, 24%, 28%
CMY	0.3333, 0.7569, 0.7216
CMYK	0.00, 0.64, 0.58, 0.33
HSL	355°, 47%, 45%
HSV	355°, 64%, 67%
XYZ	19.4375, 12.4462, 7.3391
YIQ	95.3180, 61.4790, 25.6950

Conversions

Conversions Part 2

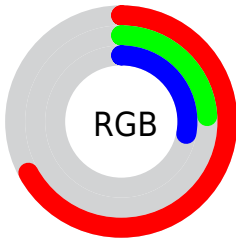
Format	Color
R_{YB}	170, 62, 71
Decimal	11157063
CIE _{Lab}	41.92, 44.94, 18.46
CIE _{LCh}	42, 48.584, 22.334
Yxy	12.4462, 0.4956, 0.3173
Android (android.graphics.Color)	4289347143 (0xFFAA3E47)
YUV	95.3180, -11.9888, 65.4961
Hunter-Lab	35.2792, 36.6082, 12.3614

Details

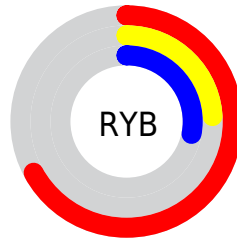
The Hex color **AA3E47** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3EAAA1**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **E67377**, and **70001C** is the 20% darker color. If you saturate the color by 10%, you get **AA2D37**, and if you desaturate by 10%, it is **AA4F57**.

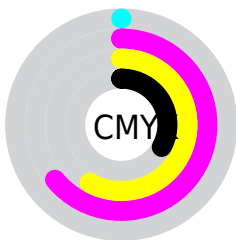
Distribution



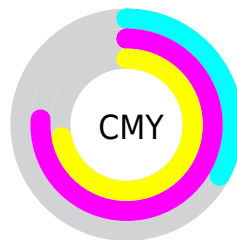
- Red (67%)
- Green (24%)
- Blue (28%)



- Red (67%)
- Yellow (24%)
- Blue (28%)



- Cyan (0%)
- Magenta (64%)
- Yellow (58%)
- Black (33%)



- Cyan (33%)
- Magenta (76%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA3E47 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 AA3E47 by changing the saturation by 10% instead.

■ AA3E47

■ AA3E47

FFFFFF

■ 8D2331

■ E67377

■ 70001C

■ FF8E91

■ 540002

■ FFA9AB

■ 3A0001

■ FFC5C7

■ 160000

■ FFE2E3

■ 000000

■ AA3E47

■ AA3E47

■ AA2D37

■ AA4F57

■ AA1C28

■ AA6066

■ AA0B18

■ AA7176

■ AA000E

■ AA8285

■ AA9395

■ AAA4A4

■ AAB5B4

■ AAC6C4

■ AAD7D3

Harmonies

Analogous

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



A53C6F



AA3E47



9B4D23

Triad

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



AA3E47



24712F



006BB2

Complementary

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



AA3E47



3EAAA1

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.



0073A2



AA3E47



007557

Square

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



AA3E47



5A6A0C



007680



4F5DAD

Rectangle

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



AA3E47



8A580E



007680



006EAF

Sweetspot

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



AA3E47



DEB4B7



A13EAA



705659



F0F0F0



707070

Same Dimension

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



AA3E47



DE3543



AA6B3E



544C4C



94000C



140002

Inverse Universe

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



AA3E47



DE3543



3E7DAA



544C4C



94000C



140002

Previews

White Background



This preview shows how the Hex color AA3E47 looks on a white background.

Color Contrast Check

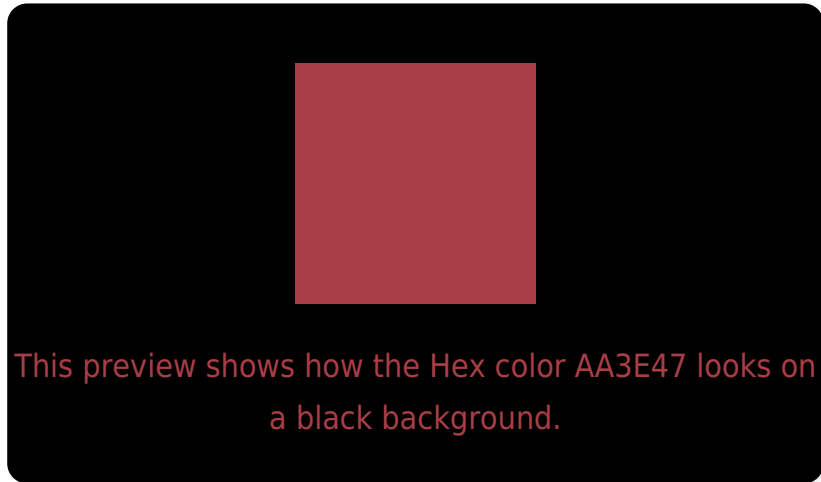
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA3E47 Background



This preview shows how black text looks on a background with the Hex color AA3E47.

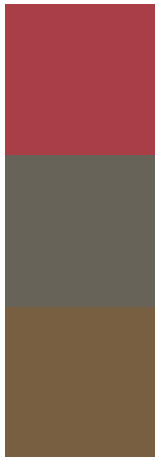


This preview shows how white text looks on a background with the Hex color AA3E47.

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
AA3E47

Protanopia
686358

Deuteranopia
785F42



Tritanopia
AA3F43

Trichromacy



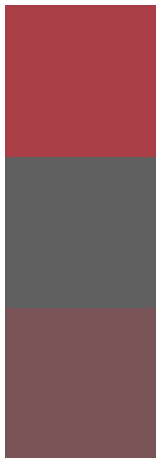
Original Color
AA3E47

Protanomaly
805652

Deuteranomaly
8A5344

Tritanomaly
AA3F44

Monochromacy



Original Color
AA3E47

Achromatopsia
5F5F5F

Achromatomaly
7A5356

CSS Examples

Text

The CSS property to change the color of the text to Hex AA3E47 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 #AA3E47 looks like.

```
.text, #text, p{  
    color:#AA3E47  
}
```

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 #AA3E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA3E47
}
```

Border

The CSS property to change the border of an element to Hex AA3E47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

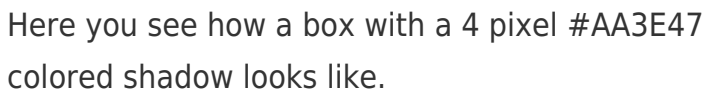
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA3E47 }
```

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

```
.border{ border-color:#AA3E47 }
```

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



Here you see how a box with a 4 pixel #AA3E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA3E47; -webkit-box-shadow:4px 4px  
4px 4px #AA3E47; box-shadow:4px 4px 4px  
4px #AA3E47 }
```

Background

The CSS property to change the background color of an element to Hex AA3E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA3E47 }
```

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

```
.background{ background-color:#AA3E47 }
```

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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