

Converting Colors

Hex(AA3247)

Have a look what the booklet for
Hex(AA3247) contains.

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Color

Hex(AA3247)

Conversions

Conversions Part 1

Format	Color
Hex	AA3247
RGB	170, 50, 71
RGB Percent	67%, 20%, 28%
CMY	0.3333, 0.8039, 0.7216
CMYK	0.00, 0.71, 0.58, 0.33
HSL	350°, 55%, 43%
HSV	350°, 71%, 67%
XYZ	18.8555, 11.2822, 7.1451
YIQ	88.2740, 64.7790, 31.9710

Conversions

Conversions Part 2

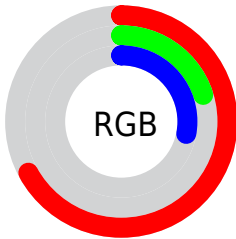
Format	Color
R_{YB}	170, 50, 71
Decimal	11153991
CIE _{Lab}	40.05, 50.01, 15.97
CIE _{LCh}	40, 52.497, 17.711
Yxy	11.2822, 0.5057, 0.3026
Android (android.graphics.Color)	4289344071 (0xFFAA3247)
YUV	88.2740, -8.5161, 71.6737
Hunter-Lab	33.5890, 41.4221, 10.9000

Details

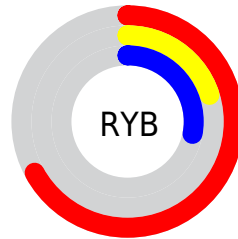
The Hex color **AA3247** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **32AA95**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **E66977**, and **70001C** is the 20% darker color. If you saturate the color by 10%, you get **AA2139**, and if you desaturate by 10%, it is **AA4355**.

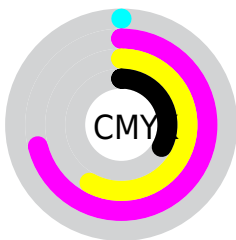
Distribution



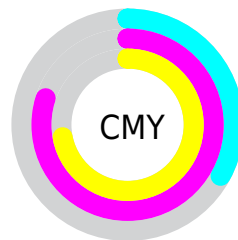
- Red (67%)
- Green (20%)
- Blue (28%)



- Red (67%)
- Yellow (20%)
- Blue (28%)



- Cyan (0%)
- Magenta (71%)
- Yellow (58%)
- Black (33%)



- Cyan (33%)
- Magenta (80%)
- Yellow (72%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA3247 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 AA3247 by changing the saturation by 10% instead.

■ AA3247

■ AA3247

FFFFFF

■ 8D1131

■ E66977

■ 70001C

■ FF8491

■ 530002

■ FF9FAB

■ 3A0002

■ FFBBC6

■ 110000

■ FFD8E2

■ 000000

■ FFF5FF

■ AA3247

■ AA3247

■ AA2139

■ AA4355

■ AA102B

■ AA5463

■ AA001E

■ AA6571

■ AA767F

■ AA878D

■ AA989B

■ AAA9A9

■ AABAB7

■ AACBC5

Harmonies

Analogous

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



A23372



AA3247



9D431F

Triad

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



AA3247



226D1F



0068B2

Complementary

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



AA3247



32AA95

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.



00709D



AA3247



00714B

Square

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



AA3247



5A6400



007277



335BB1

Rectangle

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



AA3247



8B5002



007277



006CAE

Sweetspot

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



AA3247



DEAFB7



9432AA



705459



F0F0F0



707070

Same Dimension

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



AA3247



DE2142



AA5832



544C4D



94001A



140004

Inverse Universe

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



AA3247



DE2142



3284AA



544C4D



94001A



140004

Previews

White Background



This preview shows how the Hex color AA3247 looks on a white background.

Color Contrast Check

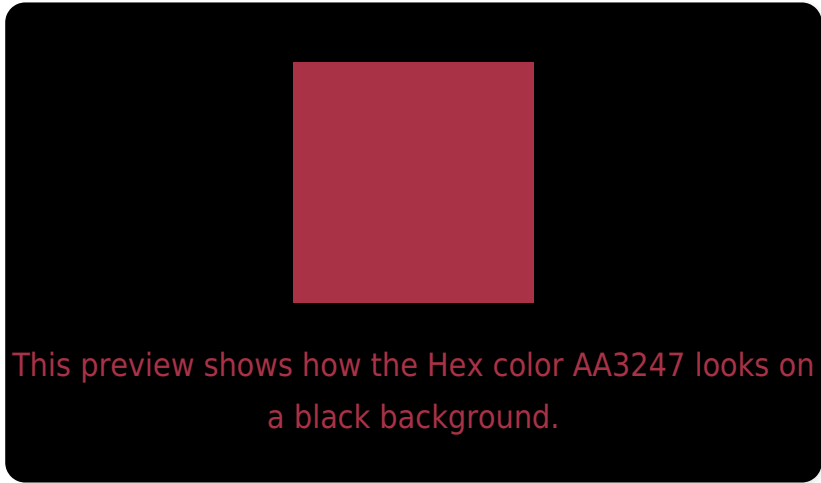
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA3247 Background



This preview shows how black text looks on a background with the Hex color AA3247.

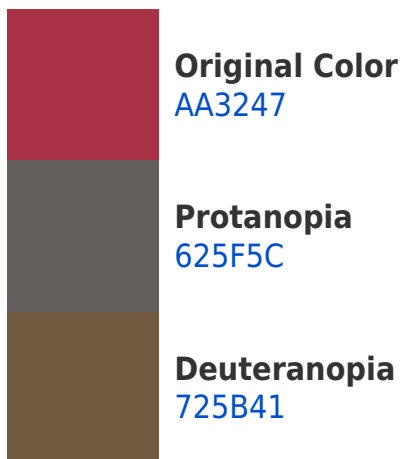



This preview shows how white text looks on a background with the Hex color AA3247.

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
A93538

Trichromacy



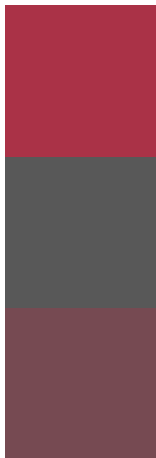
Original Color
AA3247

Protanomaly
7C4F54

Deuteranomaly
864C43

Tritanomaly
A9343D

Monochromacy



Original Color
AA3247

Achromatopsia
585858

Achromatomaly
764A52

CSS Examples

Text

The CSS property to change the color of the text to Hex AA3247 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 #AA3247 looks like.

```
.text, #text, p{  
    color:#AA3247  
}
```

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 #AA3247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA3247
}
```

Border

The CSS property to change the border of an element to Hex AA3247 is called "border". The border property can be set on classes, ids or directly on the HTML element.

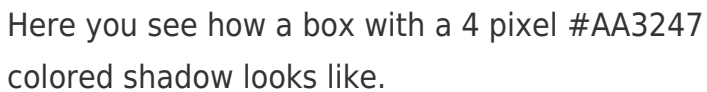
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA3247 }
```

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

```
.border{ border-color:#AA3247 }
```

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



Here you see how a box with a 4 pixel #AA3247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA3247; -webkit-box-shadow:4px 4px  
4px 4px #AA3247; box-shadow:4px 4px 4px  
4px #AA3247 }
```

Background

The CSS property to change the background color of an element to Hex AA3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA3247 }
```

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

```
.background{ background-color:#AA3247 }
```

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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