

# Converting Colors

Hex(A83247)

Have a look what the booklet for  
Hex(A83247) contains.

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**Color**

**Hex(A83247)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A83247
RGB	168, 50, 71
RGB Percent	66%, 20%, 28%
CMY	0.3412, 0.8039, 0.7216
CMYK	0.00, 0.70, 0.58, 0.34
HSL	349°, 54%, 43%
HSV	349°, 70%, 66%
XYZ	18.4264, 11.0610, 7.1250
YIQ	87.6760, 63.5870, 31.5470

# Conversions

## Conversions Part 2

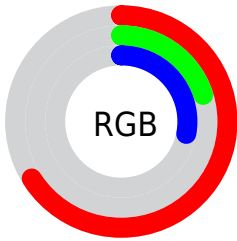
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 50, 71
Decimal	11022919
CIE <sub>Lab</sub>	39.68, 49.37, 15.41
CIE <sub>LCh</sub>	40, 51.718, 17.336
Yxy	11.0610, 0.5033, 0.3021
Android (android.graphics.Color)	4289212999 (0xFFA83247)
YUV	87.6760, -8.2213, 70.4441
Hunter-Lab	33.2580, 40.6951, 10.5786

# Details

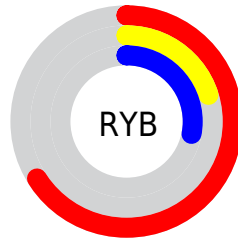
The Hex color **A83247** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **32A893**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **E46877**, and **6E001C** is the 20% darker color. If you saturate the color by 10%, you get **A82139**, and if you desaturate by 10%, it is **A84355**.

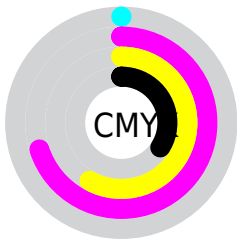
# Distribution



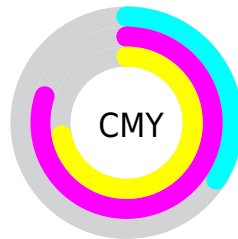
- Red (66%)
- Green (20%)
- Blue (28%)



- Red (66%)
- Yellow (20%)
- Blue (28%)



- Cyan (0%)
- Magenta (70%)
- Yellow (58%)
- Black (34%)



- Cyan (34%)
- Magenta (80%)
- Yellow (72%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A83247 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 A83247 by changing the saturation by 10% instead.



 A83247

 A83247

FFFFFF

 8B1231

 E46877

 6E001C

 FF8391

 520002

 FF9FAB

 380002

 FFBBC6

 0D0000

 FFD8E2

 000000

 FFF5FF

 A83247

 A83247

 A82139

 A84355

 A8102B

 A85463

 A8001E

 A86470

 A8757E

 A8868C

 A8979A

 A8A8A8

 A8B8B5

 A8C9C3

# Harmonies

## Analogous

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



A03471



A83247



9B4220

# Triad

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



A83247



246B1F



0068B0

# Complementary

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



A83247



32A893

# 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.



006F9B



A83247



00704A

# Square

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



A83247



5A6300



007175



325AAF

# Rectangle

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



A83247



8A4F04



007175



006BAB



# Sweetspot

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



A83247



DBADB5



9232A8



6E5257



EDEDED



6E6E6E



# Same Dimension

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



A83247



DB2344



A85732



544C4D



94001A



140004



# Inverse Universe

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



A83247



DB2344



3283A8



544C4D



94001A



140004



# Previews

## White Background



This preview shows how the Hex color A83247 looks on a white background.

## Color Contrast Check

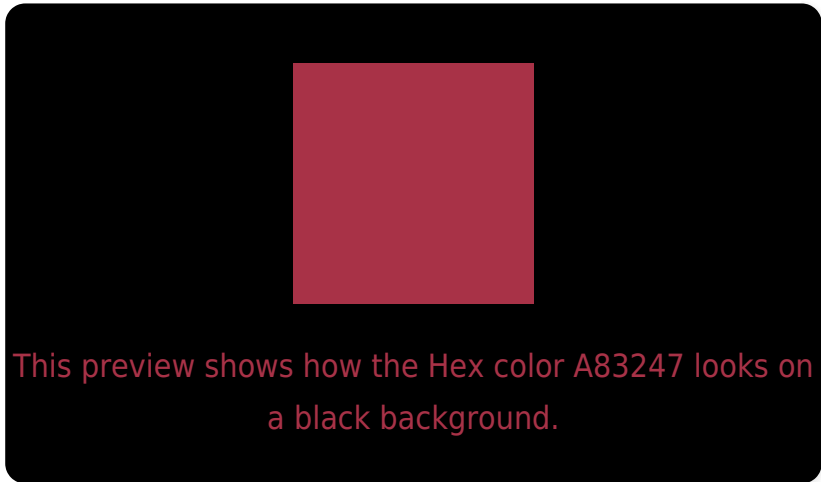
Large Text (above 18pt) WCAG AA ✓ Pass

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 A83247 Background



This preview shows how black text looks on a background with the Hex color A83247.

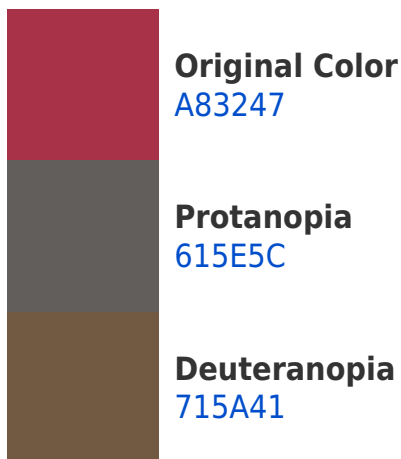



This preview shows how white text looks on a background with the Hex color A83247.

# 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**  
A73538

# Trichromacy



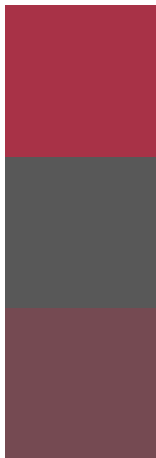
**Original Color**  
A83247

**Protanomaly**  
7B4E54

**Deuteranomaly**  
854B43

**Tritanomaly**  
A7343D

# Monochromacy



**Original Color**  
A83247

**Achromatopsia**  
585858

**Achromatomaly**  
754A52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A83247 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 #A83247 looks like.

```
.text, #text, p{  
    color:#A83247  
}
```

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 #A83247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A83247
}
```

## Border

The CSS property to change the border of an element to Hex A83247 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
#A83247 }
```

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

```
.border{ border-color:#A83247 }
```

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

Here you see how a box with a 4 pixel #A83247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A83247; -webkit-box-shadow:4px 4px  
4px 4px #A83247; box-shadow:4px 4px 4px  
4px #A83247 }
```

# Background

The CSS property to change the background color of an element to Hex A83247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A83247 }
```

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

```
.background{ background-color:#A83247 }
```

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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