

Converting Colors

Hex(A80039)

Have a look what the booklet for
Hex(A80039) contains.

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Color

Hex(A80039)

Conversions

Conversions Part 1

Format	Color
Hex	A80039
RGB	168, 0, 57
RGB Percent	66%, 0%, 22%
CMY	0.3412, 1.0000, 0.7765
CMYK	0.00, 1.00, 0.66, 0.34
HSL	340°, 100%, 33%
HSV	340°, 100%, 66%
XYZ	16.8870, 8.6202, 4.6447
YIQ	56.7300, 81.8310, 53.3430

Conversions

Conversions Part 2

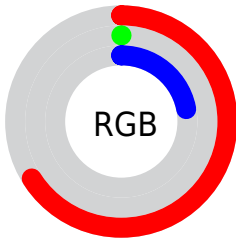
Format	Color
RYB	168, 0, 57
Decimal	11010105
CIELab	35.24, 60.21, 18.47
CIELCh	35, 62.982, 17.051
Yxy	8.6202, 0.5601, 0.2859
Android (android.graphics.Color)	4289200185 (0xFFA80039)
YUV	56.7300, 0.1331, 97.5838
Hunter-Lab	29.3602, 51.2864, 11.1726

Details

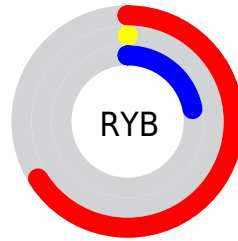
The Hex color **A80039** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A86F**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **E64E68**, and **6C000F** is the 20% darker color. If you saturate the color by 10%, you get **A80039**, and if you desaturate by 10%, it is **A81144**.

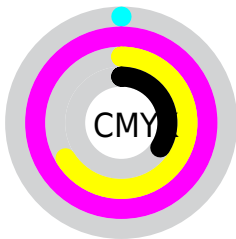
Distribution



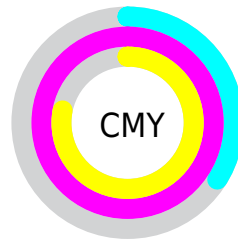
- Red (66%)
- Green (0%)
- Blue (22%)



- Red (66%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (34%)



- Cyan (34%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color A80039 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 A80039 by changing the saturation by 10% instead.

 A80039

 A80039

FFFFFF

 8A0024

 E64E68

 6C000F

 FF6A81

 4F0001

 FF879A

 320002

 FFA3B5

 000000

 FFC0D1

 FFDDED

 FFFBFF

 A80039

 A81144

 A8224F

 A8325A

 A84365

 A85470

 A8657C

 A87687

 A88692

 A8979D

Harmonies

Analogous

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



9F076B



A80039



982E03

Triad

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



A80039



006200



005FB6

Complementary

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



A80039



00A86F

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.



00669C



A80039



00663A

Square

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



A80039



4C5900



00686F



0050B5

Rectangle

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



A80039



844100



00686F



0063B0

Sweetspot

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



A80039



DB9AB0



6D00A8



6E4654



EDEDED



6E6E6E

Same Dimension

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



A80039



DB004A



A81900



544C4F



940032



140007

Inverse Universe

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



A80039



DB004A



008FA8



544C4F



940032



140007

Previews

White Background



This preview shows how the Hex color A80039 looks on a white background.

Color Contrast Check

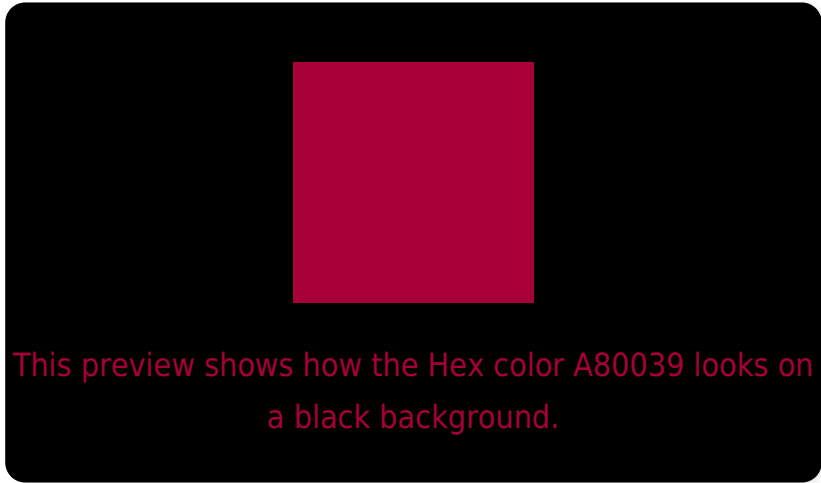
Large Text (above 18pt) WCAG AA ✓ Pass

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 A80039 Background



This preview shows how black text looks on a background with the Hex color A80039.



This preview shows how white text looks on a background with the Hex color A80039.

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
A80039

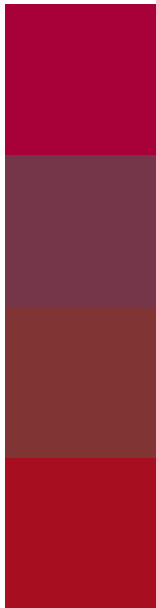
Protanopia
585554

Deuteranopia
695231



Tritanopia
A71714

Trichromacy



Original Color
A80039

Protanomaly
75364A

Deuteranomaly
803434

Tritanomaly
A70F21

Monochromacy



Original Color
A80039

Achromatopsia
393939

Achromatomaly
612439

CSS Examples

Text

The CSS property to change the color of the text to Hex A80039 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 #A80039 looks like.

```
.text, #text, p{  
    color:#A80039  
}
```

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 #A80039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A80039
}
```

Border

The CSS property to change the border of an element to Hex A80039 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
#A80039 }
```

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

```
.border{ border-color:#A80039 }
```

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

Here you see how a box with a 4 pixel #A80039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A80039; -webkit-box-shadow:4px 4px  
4px 4px #A80039; box-shadow:4px 4px 4px  
4px #A80039 }
```

Background

The CSS property to change the background color of an element to Hex A80039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A80039 }
```

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

```
.background{ background-color:#A80039 }
```

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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