

Converting Colors

Hex(A80034)

Have a look what the booklet for
Hex(A80034) contains.

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Color

Hex(A80034)

Conversions

Conversions Part 1

Format	Color
Hex	A80034
RGB	168, 0, 52
RGB Percent	66%, 0%, 20%
CMY	0.3412, 1.0000, 0.7961
CMYK	0.00, 1.00, 0.69, 0.34
HSL	341°, 100%, 33%
HSV	341°, 100%, 66%
XYZ	16.7683, 8.5728, 4.0197
YIQ	56.1600, 83.4360, 51.7880

Conversions

Conversions Part 2

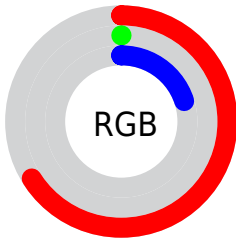
Format	Color
RYB	168, 0, 52
Decimal	11010100
CIELab	35.15, 59.96, 21.59
CIELCh	35, 63.729, 19.804
Yxy	8.5728, 0.5711, 0.2920
Android (android.graphics.Color)	4289200180 (0xFFA80034)
YUV	56.1600, -2.0509, 98.0837
Hunter-Lab	29.2793, 50.9884, 12.3556

Details

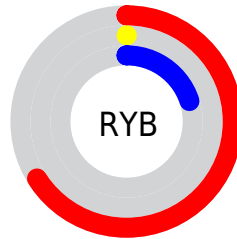
The Hex color **A80034** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A874**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **E64E62**, and **6C0008** is the 20% darker color. If you saturate the color by 10%, you get **A80034**, and if you desaturate by 10%, it is **A81140**.

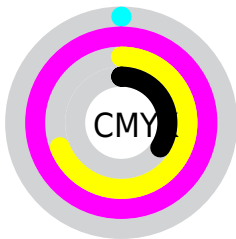
Distribution



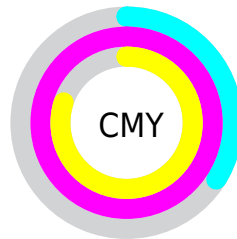
- Red (66%)
- Green (0%)
- Blue (20%)



- Red (66%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (34%)



- Cyan (34%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color A80034 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 A80034 by changing the saturation by 10% instead.

 A80034

 A80034

FFFFFF

 8A001F

 E64E62

 6C0008

 FF6A7B

 4E0001

 FF8695

 310002

 FFA3AF

 000000

 FFBFCB

 FFDDE7

 FFFAFF

 A80034

 A81140

 A8224B

 A83257

 A84362

 A8546E

 A8657A

 A87685

 A88691

 A8979C

Harmonies

Analogous

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



A20066



A80034



963000

Triad

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



A80034



006300



005EB8

Complementary

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



A80034



00A874

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.



0066A0



A80034



00673F

Square

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



A80034



465A00



006874



004DB4

Rectangle

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



A80034



814300



006874



0062B3

Sweetspot

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



A80034



DB9AAE



7300A8



6E4652



EDEDED



6E6E6E

Same Dimension

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



A80034



DB0044



A81F00



544C4E



94002E



140006

Inverse Universe

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



A80034



DB0044



0089A8



544C4E



94002E



140006

Previews

White Background



This preview shows how the Hex color A80034 looks on a white background.

Color Contrast Check

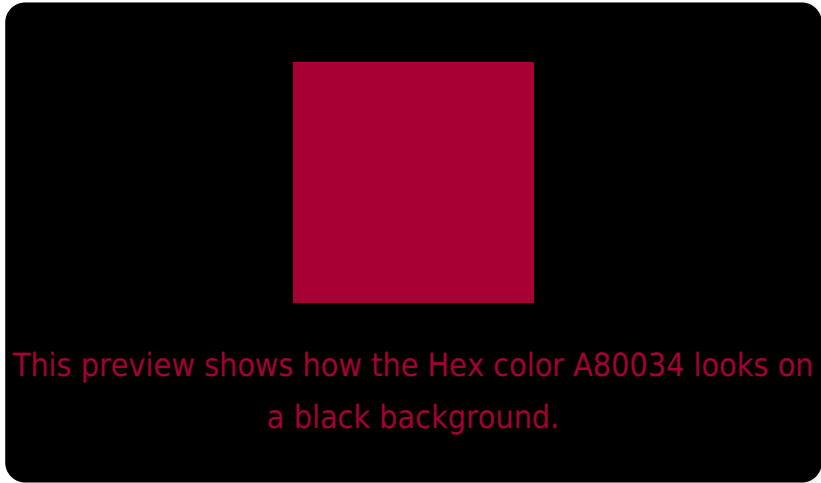
Large Text (above 18pt) WCAG AA ✓ Pass

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 A80034 Background



This preview shows how black text looks on a background with the Hex color A80034.

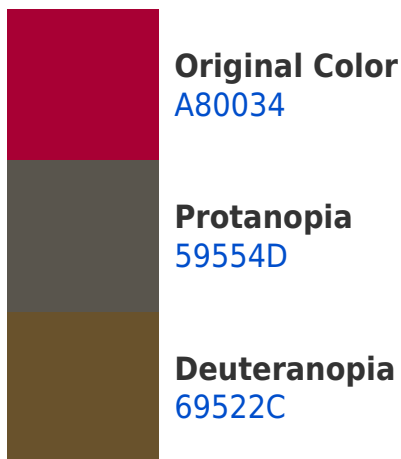


This preview shows how white text looks on a background with the Hex color A80034.

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](#).

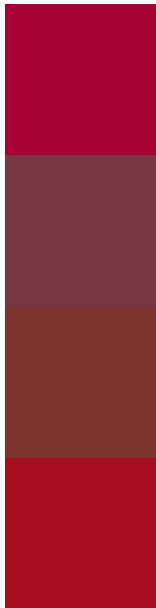
Dichromacy





Tritanopia
A71511

Trichromacy



Original Color
A80034

Protanomaly
763644

Deuteranomaly
80342F

Tritanomaly
A70D1E

Monochromacy



Original Color
A80034

Achromatopsia
383838

Achromatomaly
612437

CSS Examples

Text

The CSS property to change the color of the text to Hex A80034 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 #A80034 looks like.

```
.text, #text, p{  
    color:#A80034  
}
```

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 #A80034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A80034  
}
```

Border

The CSS property to change the border of an element to Hex A80034 is called "border". The border property can be set on classes, ids or directly on the HTML element.

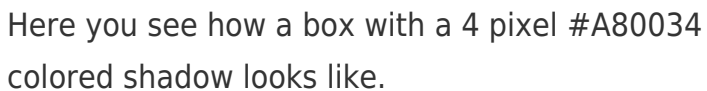
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A80034 }
```

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

```
.border{ border-color:#A80034 }
```

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



Here you see how a box with a 4 pixel #A80034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A80034; -webkit-box-shadow:4px 4px  
4px 4px #A80034; box-shadow:4px 4px 4px  
4px #A80034 }
```

Background

The CSS property to change the background color of an element to Hex A80034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A80034 }
```

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

```
.background{ background-color:#A80034 }
```

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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