

Converting Colors

Hex(A80044)

Have a look what the booklet for
Hex(A80044) contains.

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Color

Hex(A80044)

Conversions

Conversions Part 1

Format	Color
Hex	A80044
RGB	168, 0, 68
RGB Percent	66%, 0%, 27%
CMY	0.3412, 1.0000, 0.7333
CMYK	0.00, 1.00, 0.60, 0.34
HSL	336°, 100%, 33%
HSV	336°, 100%, 66%
XYZ	17.1918, 8.7422, 6.2501
YIQ	57.9840, 78.3000, 56.7640

Conversions

Conversions Part 2

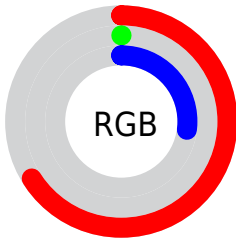
Format	Color
R_{YB}	168, 0, 68
Decimal	11010116
CIE _{Lab}	35.48, 60.86, 11.61
CIE _{LCh}	35, 61.957, 10.803
Yxy	8.7422, 0.5342, 0.2716
Android (android.graphics.Color)	4289200196 (0xFFA80044)
YUV	57.9840, 4.9379, 96.4840
Hunter-Lab	29.5672, 52.0462, 8.1639

Details

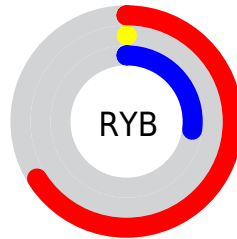
The Hex color **A80044** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A864**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **E54E74**, and **6C001A** is the 20% darker color. If you saturate the color by 10%, you get **A80044**, and if you desaturate by 10%, it is **A8114E**.

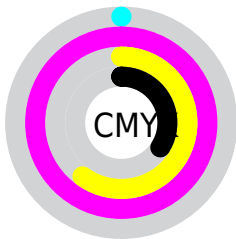
Distribution



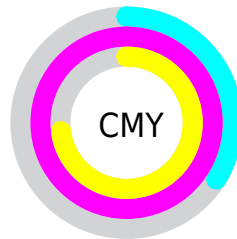
- Red (66%)
- Green (0%)
- Blue (27%)



- Red (66%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (60%)
- Black (34%)



- Cyan (34%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color A80044 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 A80044 by changing the saturation by 10% instead.

 A80044

 A80044

FFFFFF

 8A002E

 E54E74

 6C001A

 FF6B8D

 500001

 FF87A7

 330002

 FFA4C3

 000000

 FFC0DE

 FFDEFB

 FFFBFF

 A80044

 A8114E

 A82258

 A83262

 A8436C

 A85476

 A86580

 A8768A

 A88694

 A8979E

Harmonies

Analogous

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



991875



A80044



9D2813

Triad

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



A80044



166100



0062B2

Complementary

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



A80044



00A864

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.



006794



A80044



006630

Square

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



A80044



575700



006865



0054B6

Rectangle

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



A80044



8B3D00



006865



0064AA

Sweetspot

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



A80044



DB9AB4



6200A8



6E4656



EDEDED



6E6E6E

Same Dimension

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



A80044



DB0059



A80E00



544C4F



94003C



140008

Inverse Universe

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



A80044



DB0059



009AA8



544C4F



94003C



140008

Previews

White Background



This preview shows how the Hex color A80044 looks on a white background.

Color Contrast Check

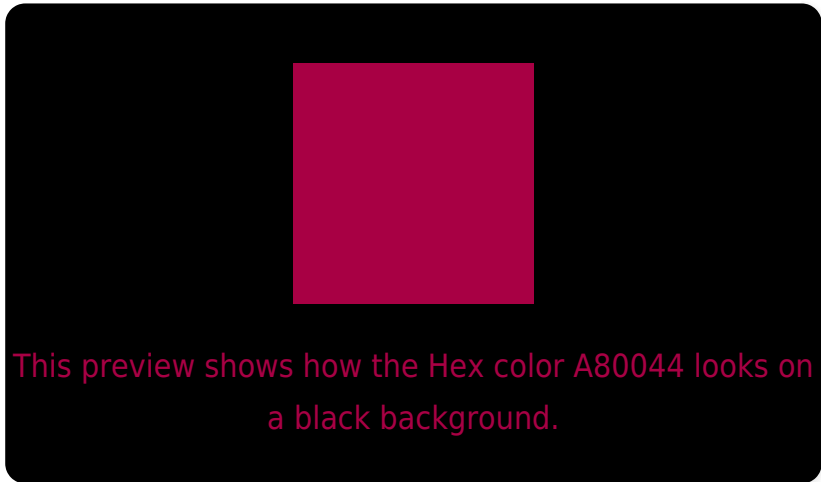
Large Text (above 18pt) WCAG AA ✓ Pass

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 A80044 Background



This preview shows how black text looks on a background with the Hex color A80044.

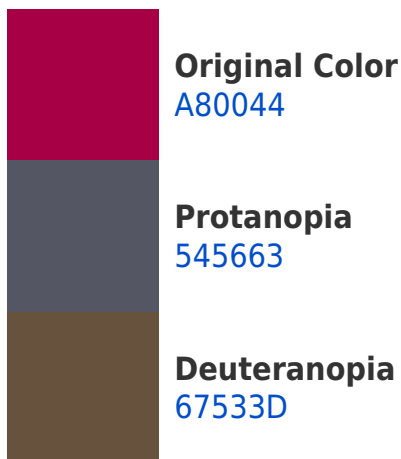


This preview shows how white text looks on a background with the Hex color A80044.

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
A71B1A

Trichromacy



Original Color
A80044

Protanomaly
733758

Deuteranomaly
7F3540

Tritanomaly
A71129

Monochromacy



Original Color
A80044

Achromatopsia
3A3A3A

Achromatomaly
62253E

CSS Examples

Text

The CSS property to change the color of the text to Hex A80044 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 #A80044 looks like.

```
.text, #text, p{  
    color:#A80044  
}
```

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 #A80044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A80044 }  
}
```

Border

The CSS property to change the border of an element to Hex A80044 is called "border". The border property can be set on classes, ids or directly on the HTML element.

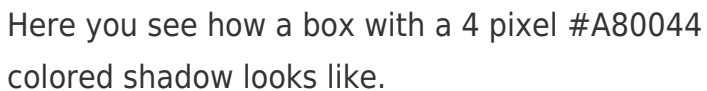
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #A80044 }  
}
```

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

```
.border{ border-color:#A80044 }
```

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



Here you see how a box with a 4 pixel `#A80044` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A80044; -webkit-box-shadow:4px 4px  
4px 4px #A80044; box-shadow:4px 4px 4px  
4px #A80044 }
```

Background

The CSS property to change the background color of an element to Hex A80044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A80044 }
```

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

```
.background{ background-color:#A80044 }
```

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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