

Converting Colors

Hex(A80048)

Have a look what the booklet for
Hex(A80048) contains.

Hex(A80048)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A80048)

Conversions

Conversions Part 1

Format	Color
Hex	A80048
RGB	168, 0, 72
RGB Percent	66%, 0%, 28%
CMY	0.3412, 1.0000, 0.7176
CMYK	0.00, 1.00, 0.57, 0.34
HSL	334°, 100%, 33%
HSV	334°, 100%, 66%
XYZ	17.3181, 8.7927, 6.9153
YIQ	58.4400, 77.0160, 58.0080

Conversions

Conversions Part 2

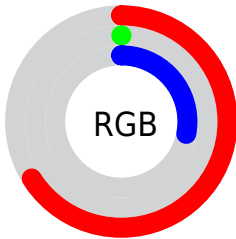
Format	Color
R_{YB}	168, 0, 72
Decimal	11010120
CIE _{Lab}	35.58, 61.12, 9.14
CIE _{LCh}	36, 61.802, 8.504
Yxy	8.7927, 0.5244, 0.2662
Android (android.graphics.Color)	4289200200 (0xFFA80048)
YUV	58.4400, 6.6851, 96.0841
Hunter-Lab	29.6525, 52.3586, 6.9297

Details

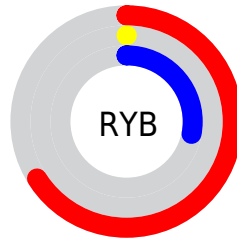
The Hex color **A80048** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A860**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **E54E78**, and **6D001D** is the 20% darker color. If you saturate the color by 10%, you get **A80048**, and if you desaturate by 10%, it is **A81152**.

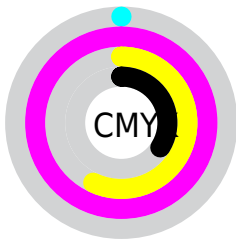
Distribution



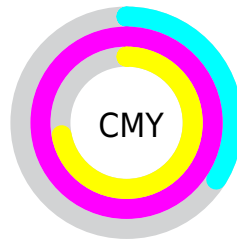
- Red (66%)
- Green (0%)
- Blue (28%)



- Red (66%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (34%)



- Cyan (34%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color A80048 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 A80048 by changing the saturation by 10% instead.

 A80048

 A80048

FFFFFF

 8A0032

 E54E78

 6D001D

 FF6B92

 500002

 FF87AC

 340002

 FFA4C7

 000000

 FFC1E3

 FFDEFF

 FFFBFF

 A80048

 A81152

 A8225B

 A83265

 A8436E

 A85478

 A86582

 A8768B

 A88695

 A8979E

Harmonies

Analogous

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



971C79



A80048



9F2618

Triad

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



A80048



1F6100



0063B1

Complementary

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



A80048



00A860

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.



006891



A80048



00662D

Square

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



A80048



5B5600



006861



0056B7

Rectangle

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



A80048



8E3B00



006861



0065A8

Sweetspot

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



A80048



DB9AB6



5F00A8



6E4657



EDEDED



6E6E6E

Same Dimension

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



A80048



DB005E



A80B00



544C4F



94003F



140009

Inverse Universe

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



A80048



DB005E



009DA8



544C4F



94003F



140009

Previews

White Background



This preview shows how the Hex color A80048 looks on a white background.

Color Contrast Check

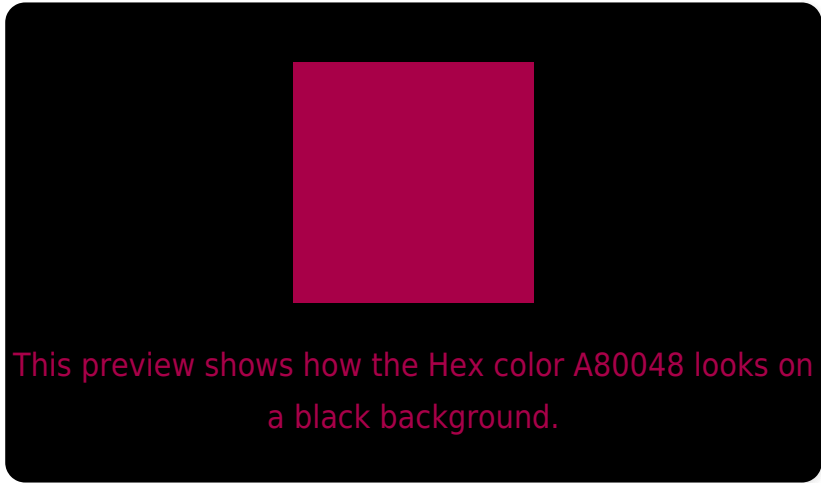
Large Text (above 18pt) WCAG AA ✓ Pass

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 A80048 Background



This preview shows how black text looks on a background with the Hex color A80048.

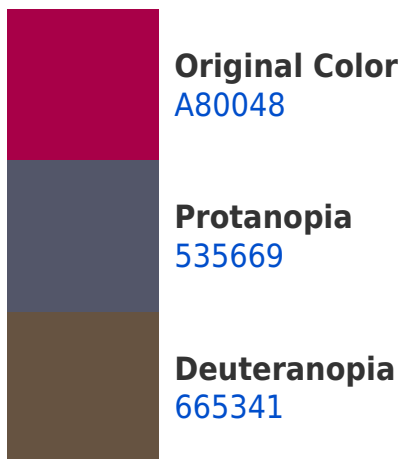


This preview shows how white text looks on a background with the Hex color A80048.

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



Trichromacy



Original Color
A80048

Protanomaly
72375D

Deuteranomaly
7E3544

Tritanomaly
A7122C

Monochromacy



Original Color
A80048

Achromatopsia
3A3A3A

Achromatomaly
62253F

CSS Examples

Text

The CSS property to change the color of the text to Hex A80048 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 #A80048 looks like.

```
.text, #text, p{  
    color:#A80048  
}
```

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 #A80048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A80048
}
```

Border

The CSS property to change the border of an element to Hex A80048 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".

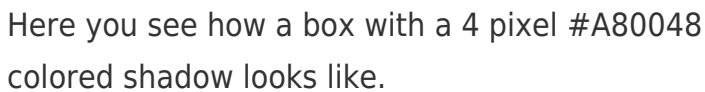
```
.border, #border, table{ border:4px solid
#A80048 }
```

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

```
.border{ border-color:#A80048 }
```

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

Here you see how a box with a 4 pixel #A80048 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A80048; -webkit-box-shadow:4px 4px  
4px 4px #A80048; box-shadow:4px 4px 4px  
4px #A80048 }
```

Background

The CSS property to change the background color of an element to Hex A80048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A80048 }
```

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

```
.background{ background-color:#A80048 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor