

# Converting Colors

Hex(A80094)

Have a look what the booklet for  
Hex(A80094) contains.

<b>Hex(A80094)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A80094)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A80094
RGB	168, 0, 148
RGB Percent	66%, 0%, 58%
CMY	0.3412, 1.0000, 0.4196
CMYK	0.00, 1.00, 0.12, 0.34
HSL	307°, 100%, 33%
HSV	307°, 100%, 66%
XYZ	21.4937, 10.4629, 28.9037
YIQ	67.1040, 52.6200, 81.6440

# Conversions

## Conversions Part 2

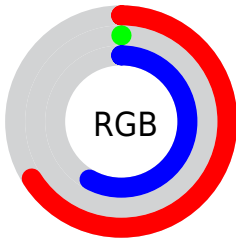
Format	Color
<b>R<sub>YB</sub></b>	168, 0, 148
Decimal	11010196
CIE <sub>Lab</sub>	38.66, 69.02, -34.29
CIE <sub>LCh</sub>	39, 77.066, 333.577
Yxy	10.4629, 0.3532, 0.1719
Android (android.graphics.Color)	4289200276 (0xFFA80094)
YUV	67.1040, 39.8817, 88.4858
Hunter-Lab	32.3465, 62.0042, -30.3369

# Details

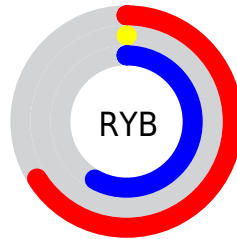
The Hex color **A80094** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00A814**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **E352CB**, and **6F0061** is the 20% darker color. If you saturate the color by 10%, you get **A80094**, and if you desaturate by 10%, it is **A81196**.

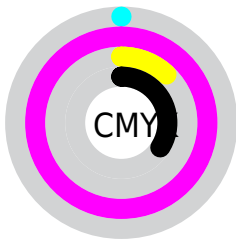
# Distribution



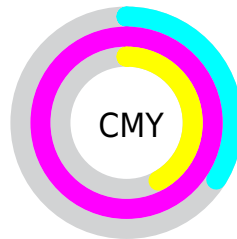
- Red (66%)
- Green (0%)
- Blue (58%)



- Red (66%)
- Yellow (0%)
- Blue (58%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (34%)



- Cyan (34%)
- Magenta (100%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A80094 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 A80094 by changing the saturation by 10% instead.



 A80094

 A80094

FFFFFF

 8B007A

 E352CB

 6F0061

 FF6FE7

 530048

 FF8CFF

 3A0032

 FFA9FF

 1B001B

 FFC6FF

 000000

 FFE4FF

 A80094

 A81196

 A82298

 A8329A

 A8439C

 A8549E

 A865A0

 A876A2

 A886A4

 A897A6

# Harmonies

## Analogous

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



5945C5



A80094



C30057

# Triad

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



A80094



695B00



0074A0

# Complementary

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



A80094



00A814

# 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.



007361



A80094



216A00

# Square

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



A80094



9A4000



00701C



0070CD

# Rectangle

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



A80094



C0002E



00701C



00748C



# Sweetspot

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



A80094



DB9AD3



1400A8



6E4669



EDEDED



6E6E6E



# Same Dimension

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



A80094



DB00C1



A80040



544C53



940082



140012



# Inverse Universe

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



A80094



DB00C1



00A868



544C53



940082



140012



# Previews

## White Background



This preview shows how the Hex color A80094 looks on a white background.

## Color Contrast Check

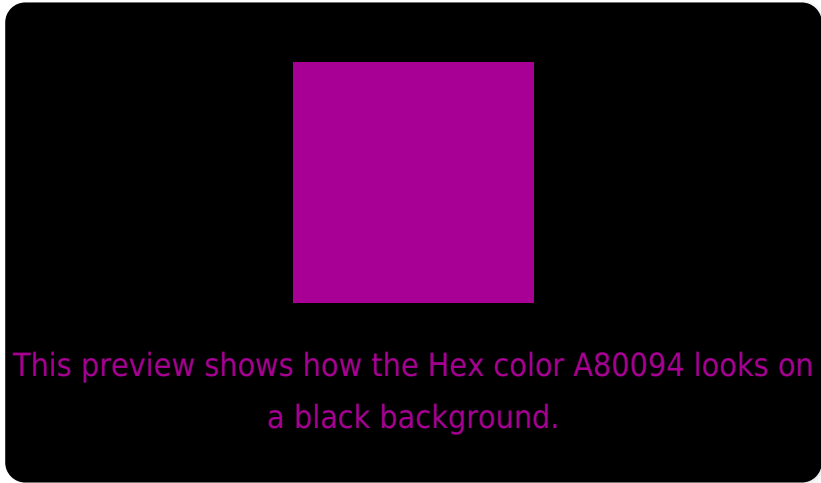
Large Text (above 18pt) WCAG AA ✓ Pass

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

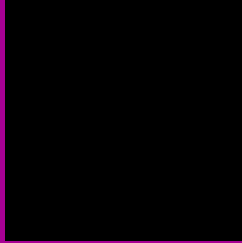
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A80094 Background



This preview shows how black text looks on a background with the Hex color A80094.

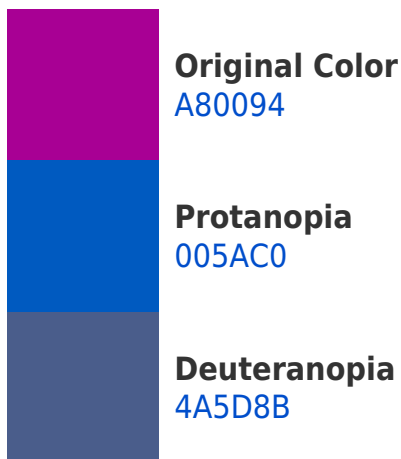


This preview shows how white text looks on a background with the Hex color A80094.

# 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**  
A80094



**Protanomaly**  
3D39B0



**Deuteranomaly**  
6C3B8E



**Tritanomaly**  
A3255D

# Monochromacy



**Original Color**  
A80094



**Achromatopsia**  
434343



**Achromatomaly**  
682B60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A80094 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 #A80094 looks like.

```
.text, #text, p{  
    color:#A80094  
}
```

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 #A80094 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A80094
}
```

## Border

The CSS property to change the border of an element to Hex A80094 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
#A80094 }
```

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

```
.border{ border-color:#A80094 }
```

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

Here you see how a box with a 4 pixel #A80094 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A80094; -webkit-box-shadow:4px 4px  
4px 4px #A80094; box-shadow:4px 4px 4px  
4px #A80094 }
```

# Background

The CSS property to change the background color of an element to Hex A80094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A80094 }
```

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

```
.background{ background-color:#A80094 }
```

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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