

Converting Colors

Hex(8A004A)

Have a look what the booklet for
Hex(8A004A) contains.

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Color

Hex(8A004A)

Conversions

Conversions Part 1

Format	Color
Hex	8A004A
RGB	138, 0, 74
RGB Percent	54%, 0%, 29%
CMY	0.4588, 1.0000, 0.7098
CMYK	0.00, 1.00, 0.46, 0.46
HSL	328°, 100%, 27%
HSV	328°, 100%, 54%
XYZ	11.7173, 5.8977, 6.9994
YIQ	49.6980, 58.4940, 52.2700

Conversions

Conversions Part 2

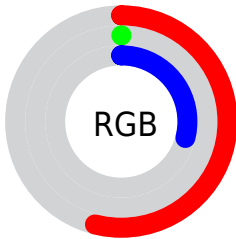
Format	Color
RYB	138, 0, 74
Decimal	9044042
CIELab	29.15, 54.22, -2.27
CIELCh	29, 54.270, 357.605
Yxy	5.8977, 0.4760, 0.2396
Android (android.graphics.Color)	4287234122 (0xFF8A004A)
YUV	49.6980, 11.9809, 77.4409
Hunter-Lab	24.2852, 43.6249, -0.0887

Details

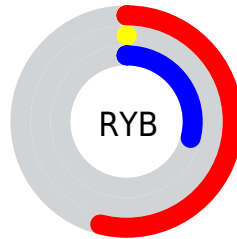
The Hex color **8A004A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **008A40**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **C4477A**, and **52001F** is the 20% darker color. If you saturate the color by 10%, you get **8A004A**, and if you desaturate by 10%, it is **8A0E50**.

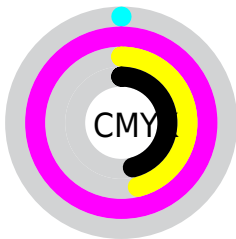
Distribution



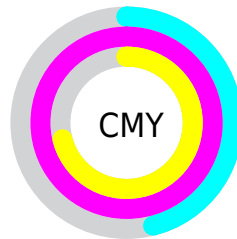
- Red (54%)
- Green (0%)
- Blue (29%)



- Red (54%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (46%)
- Black (46%)



- Cyan (46%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A004A 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 8A004A by changing the saturation by 10% instead.

 8A004A

 8A004A

FFFFFF

 6E0034

 C4477A

 52001F

 E26394

 3A0004

 FF7EAF

 120000

 FF9ACA

 000000

 FFB6E6

 FFD3FF

 FFF0FF

 8A004A

 8A0E50

 8A1C57

 8A295D

 8A3764

 8A456A

 8A5370

 8A6177

 8A6E7D

 8A7C84

Harmonies

Analogous

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



722172



8A004A



891221

Triad

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



8A004A



2F4D00



00548C

Complementary

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



8A004A



008A40

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.



00566B



8A004A



005312

Square

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



8A004A



584200



005640



004B9A

Rectangle

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



8A004A



7E2702



005640



005583

Sweetspot

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



8A004A



B37D9A



3E008A



59394A



D9D9D9



595959

Same Dimension

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



8A004A



B30060



8A0007



453E42



850047



050003

Inverse Universe

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



8A004A



B30060



008A83



453E42



850047



050003

Previews

White Background



This preview shows how the Hex color 8A004A looks on a white background.

Color Contrast Check

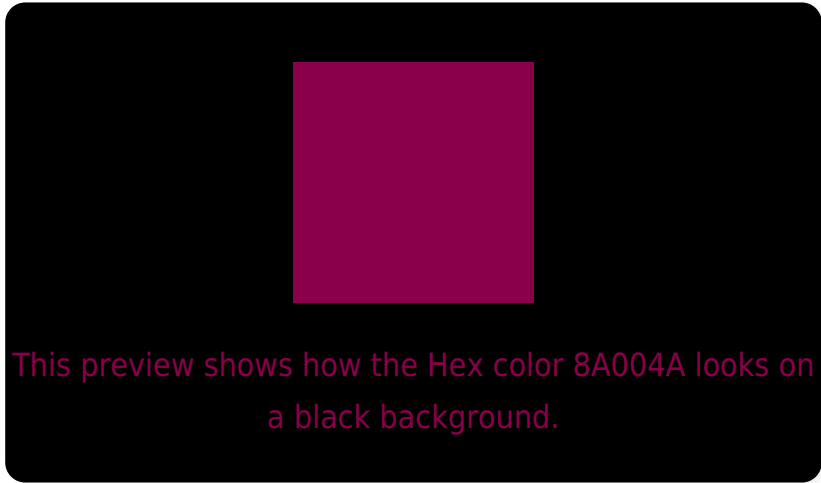
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A004A Background



This preview shows how black text looks on a background with the Hex color 8A004A.

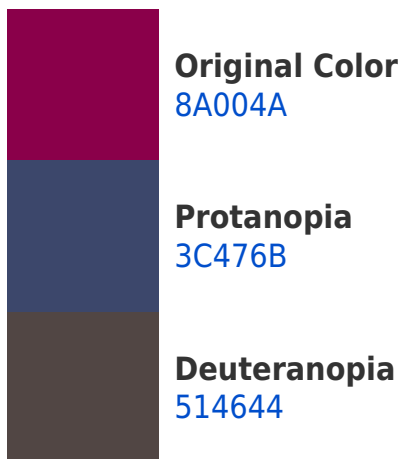


This preview shows how white text looks on a background with the Hex color 8A004A.

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
881D1E

Trichromacy



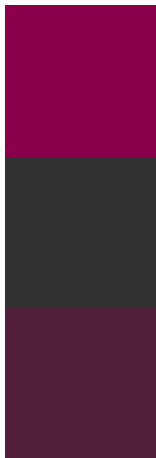
Original Color
8A004A

Protanomaly
582D5F

Deuteranomaly
662D46

Tritanomaly
89122E

Monochromacy



Original Color
8A004A

Achromatopsia
323232

Achromatomaly
52203B

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A004A 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 #8A004A looks like.

```
.text, #text, p{  
    color:#8A004A  
}
```

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 #8A004A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A004A
}
```

Border

The CSS property to change the border of an element to Hex 8A004A 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".

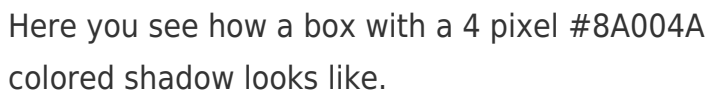
```
.border, #border, table{ border:4px solid
#8A004A }
```

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

```
.border{ border-color:#8A004A }
```

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

Here you see how a box with a 4 pixel #8A004A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A004A; -webkit-box-shadow:4px 4px  
4px 4px #8A004A; box-shadow:4px 4px 4px  
4px #8A004A }
```

Background

The CSS property to change the background color of an element to Hex 8A004A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A004A }
```

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

```
.background{ background-color:#8A004A }
```

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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