

Converting Colors

Hex(89004F)

Have a look what the booklet for
Hex(89004F) contains.

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Color

Hex(89004F)

Conversions

Conversions Part 1

Format	Color
Hex	89004F
RGB	137, 0, 79
RGB Percent	54%, 0%, 31%
CMY	0.4627, 1.0000, 0.6902
CMYK	0.00, 1.00, 0.42, 0.46
HSL	325°, 100%, 27%
HSV	325°, 100%, 54%
XYZ	11.7278, 5.8829, 7.9145
YIQ	49.9690, 56.2930, 53.6130

Conversions

Conversions Part 2

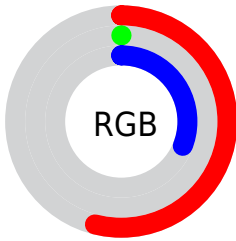
Format	Color
RYB	137, 0, 79
Decimal	8978511
CIELab	29.12, 54.46, -5.68
CIELCh	29, 54.756, 354.043
Yxy	5.8829, 0.4595, 0.2305
Android (android.graphics.Color)	4287168591 (0xFF89004F)
YUV	49.9690, 14.3123, 76.3262
Hunter-Lab	24.2546, 43.8642, -2.3686

Details

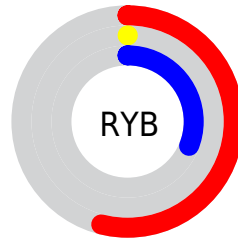
The Hex color **89004F** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00893A**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **C34780**, and **510023** is the 20% darker color. If you saturate the color by 10%, you get **89004F**, and if you desaturate by 10%, it is **890E55**.

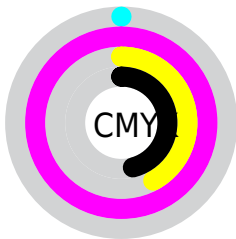
Distribution



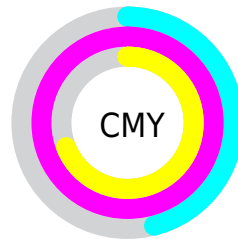
- Red (54%)
- Green (0%)
- Blue (31%)



- Red (54%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (46%)



- Cyan (46%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89004F 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 89004F by changing the saturation by 10% instead.

 89004F

 89004F

FFFFFF

 6D0038

 C34780

 510023

 E0639A

 39000C

 FE7EB5

 120000

 FF9AD0

 000000

 FFB6ED

 FFD3FF

 FFF0FF

 89004F

 890E55

 891B5B

 892960

 893766

 89456C

 895272

 896078

 896E7D

 897B83

Harmonies

Analogous

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



6E2477



89004F



8B0C25

Triad

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



89004F



354C00



005489

Complementary

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



89004F



00893A

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.



005666



89004F



00530A

Square

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



89004F



5C4000



00563B



004D9A

Rectangle

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



89004F



812308



00563B



00557F

Sweetspot

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



89004F



B37D9C



390089



59394C



D9D9D9



595959

Same Dimension

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



89004F



B30067



89000B



453E42



85004C



050003

Inverse Universe

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



89004F



B30067



00897E



453E42



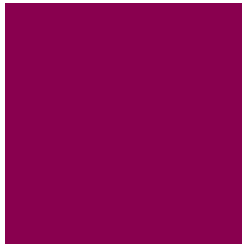
85004C



050003

Previews

White Background



This preview shows how the Hex color 89004F looks on a white background.

Color Contrast Check

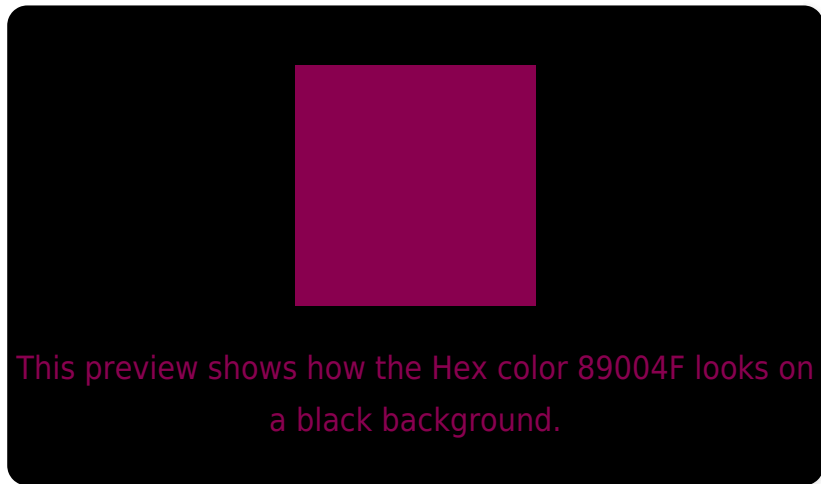
Large Text (above 18pt) WCAG AA ✓ Pass

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

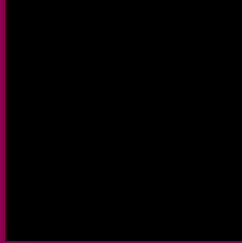
Any Text WCAG AA × Fail

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 89004F Background



This preview shows how black text looks on a background with the Hex color 89004F.

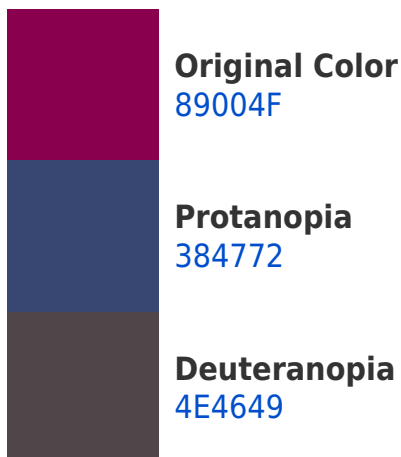


This preview shows how white text looks on a background with the Hex color 89004F.

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
861F20

Trichromacy



Original Color
89004F

Protanomaly
552D65

Deuteranomaly
632D4B

Tritanomaly
871431

Monochromacy



Original Color
89004F

Achromatopsia
323232

Achromatomaly
52203D

CSS Examples

Text

The CSS property to change the color of the text to Hex 89004F 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 #89004F looks like.

```
.text, #text, p{  
    color:#89004F  
}
```

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 #89004F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89004F
}
```

Border

The CSS property to change the border of an element to Hex 89004F is called "border". The border property can be set on classes, ids or directly on the HTML element.

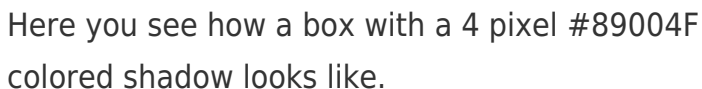
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89004F }
```

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

```
.border{ border-color:#89004F }
```

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



Here you see how a box with a 4 pixel #89004F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89004F; -webkit-box-shadow:4px 4px  
4px 4px #89004F; box-shadow:4px 4px 4px  
4px #89004F }
```

Background

The CSS property to change the background color of an element to Hex 89004F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89004F }
```

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

```
.background{ background-color:#89004F }
```

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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