

Converting Colors

Hex(89006F)

Have a look what the booklet for
Hex(89006F) contains.

Hex(89006F)	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(89006F)

Conversions

Conversions Part 1

Format	Color
Hex	89006F
RGB	137, 0, 111
RGB Percent	54%, 0%, 44%
CMY	0.4627, 1.0000, 0.5647
CMYK	0.00, 1.00, 0.19, 0.46
HSL	311°, 100%, 27%
HSV	311°, 100%, 54%
XYZ	13.1858, 6.4661, 15.5920
YIQ	53.6170, 46.0210, 63.5650

Conversions

Conversions Part 2

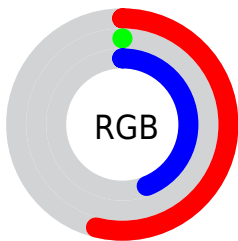
Format	Color
R_{YB}	137, 0, 111
Decimal	8978543
CIE _{Lab}	30.56, 58.15, -24.36
CIE _{LCh}	31, 63.047, 337.270
Yxy	6.4661, 0.3741, 0.1835
Android (android.graphics.Color)	4287168623 (0xFF89006F)
YUV	53.6170, 28.2898, 73.1269
Hunter-Lab	25.4285, 48.0603, -18.5551

Details

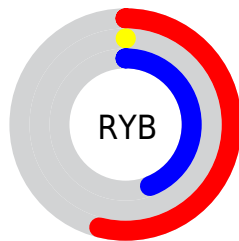
The Hex color **89006F** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00891A**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **C249A3**, and **52003F** is the 20% darker color. If you saturate the color by 10%, you get **89006F**, and if you desaturate by 10%, it is **890E72**.

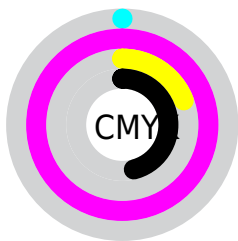
Distribution



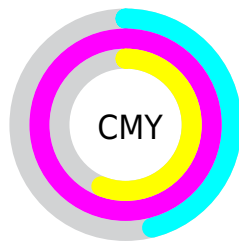
- Red (54%)
- Green (0%)
- Blue (44%)



- Red (54%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (46%)



- Cyan (46%)
- Magenta (100%)
- Yellow (56%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89006F 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 89006F by changing the saturation by 10% instead.

 89006F

 89006F

FFFFFF

 6D0056

 C249A3

 52003F

 DF65BE

 3A0029

 FD81DA

 1B0012

 FF9DF7

 000000

 FFB9FF

 FFD6FF

 FFF3FF

 89006F

 890E72

 891B74

 892977

 893779

 89457C

 89527F

 896081

 896E84

 897B86

Harmonies

Analogous

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



533398



89006F



9A003E

Triad

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



89006F



4E4A00



005B83

Complementary

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



89006F



00891A

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.



005B53



89006F



115500

Square

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



89006F



763600



00591E



0057A4

Rectangle

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



89006F



97001F



00591E



005C74

Sweetspot

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



89006F



B37DA8



190089



593953



D9D9D9



595959

Same Dimension

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



89006F



B30091



89002B



453E44



85006B



050004

Inverse Universe

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



89006F



B30091



00895E



453E44



85006B



050004

Previews

White Background



This preview shows how the Hex color 89006F looks on a white background.

Color Contrast Check

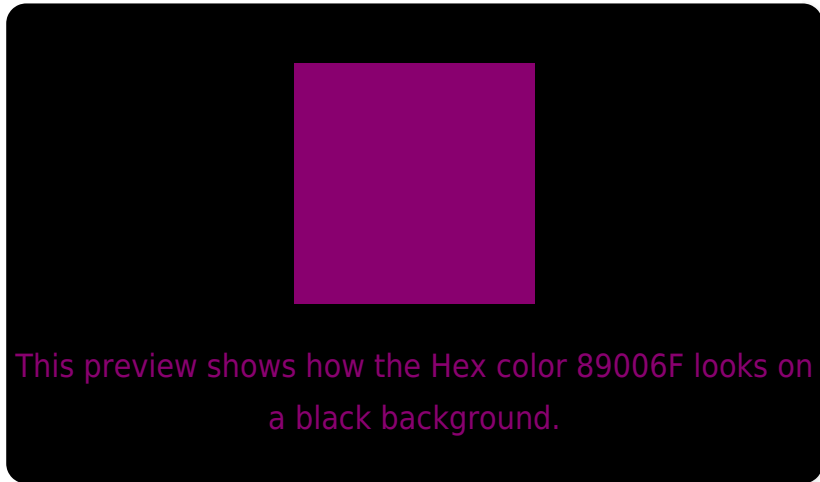
Large Text (above 18pt) WCAG AA ✓ Pass

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 89006F Background



This preview shows how black text looks on a background with the Hex color 89006F.

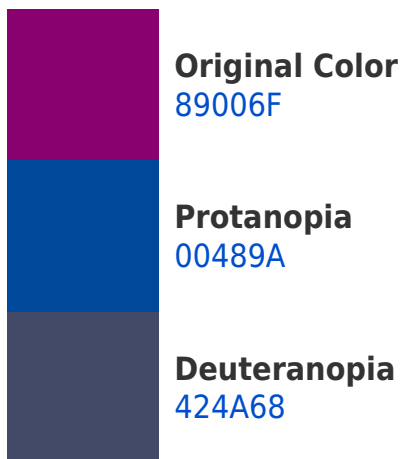


This preview shows how white text looks on a background with the Hex color 89006F.

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
842C2E

Trichromacy



Original Color
89006F



Protanomaly
322E8A



Deuteranomaly
5C2F6B

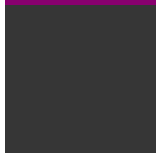


Tritanomaly
861C46

Monochromacy



Original Color
89006F



Achromatopsia
363636



Achromatomaly
54224B

CSS Examples

Text

The CSS property to change the color of the text to Hex 89006F 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 #89006F looks like.

```
.text, #text, p{  
    color:#89006F  
}
```

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 #89006F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89006F
}
```

Border

The CSS property to change the border of an element to Hex 89006F is called "border". The border property can be set on classes, ids or directly on the HTML element.

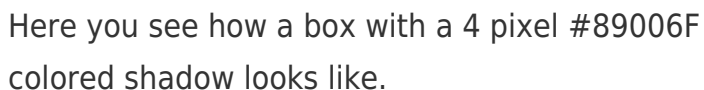
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89006F }
```

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

```
.border{ border-color:#89006F }
```

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



Here you see how a box with a 4 pixel #89006F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89006F; -webkit-box-shadow:4px 4px  
4px 4px #89006F; box-shadow:4px 4px 4px  
4px #89006F }
```

Background

The CSS property to change the background color of an element to Hex 89006F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89006F }
```

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

```
.background{ background-color:#89006F }
```

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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