

# Converting Colors

Hex(88277F)

Have a look what the booklet for  
Hex(88277F) contains.

<b>Hex(88277F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(88277F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	88277F
RGB	136, 39, 127
RGB Percent	53%, 15%, 50%
CMY	0.4667, 0.8471, 0.5020
CMYK	0.00, 0.71, 0.07, 0.47
HSL	306°, 55%, 34%
HSV	306°, 71%, 53%
XYZ	14.7096, 8.2176, 20.8895
YIQ	78.0350, 29.5640, 47.9320

# Conversions

## Conversions Part 2

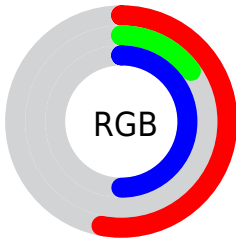
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 39, 127
Decimal	8923007
CIE <sub>Lab</sub>	34.43, 51.07, -28.40
CIE <sub>LCh</sub>	34, 58.433, 330.921
Yxy	8.2176, 0.3357, 0.1875
Android (android.graphics.Color)	4287113087 (0xFF88277F)
YUV	78.0350, 24.1397, 50.8353
Hunter-Lab	28.6663, 41.4281, -23.1390

# Details

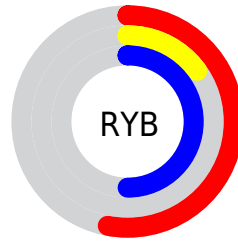
The Hex color **88277F** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **278830**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **C05DB4**, and **53004D** is the 20% darker color. If you saturate the color by 10%, you get **88197E**, and if you desaturate by 10%, it is **883580**.

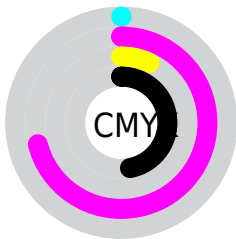
# Distribution



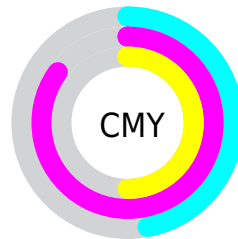
- Red (53%)
- Green (15%)
- Blue (50%)



- Red (53%)
- Yellow (15%)
- Blue (50%)



- Cyan (0%)
- Magenta (71%)
- Yellow (7%)
- Black (47%)



- Cyan (47%)
- Magenta (85%)
- Yellow (50%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 88277F 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 88277F by changing the saturation by 10% instead.



 88277F

 88277F

FFFFFF

 6D0266

 C05DB4

 53004D

 DD78D0

 390036

 FA93EC

 200020

 FFAFFF


 000004

 FFCBFF

 000000

 FFE8FF

 88277F

 88277F

 88197E

 883580

880C7C

884282

88007B

885083

885D84

886B85

887987

888688

889489

88A18A

# Harmonies

## Analogous

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



4C44A2



88277F



9F0A52

# Triad

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



88277F



625000



006480

# Complementary

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



88277F



278830

# 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.



006451



88277F



335C00

# Square

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



88277F



863C00



00621F



0061A3

# Rectangle

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



88277F



A01533



00621F



006571



# Sweetspot

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



88277F



B08BAD



2F2788



594357



D9D9D9



595959



# Same Dimension

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



88277F



B019A2



88274F



453E44



850078



050005



# Inverse Universe

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



88277F



B019A2



278860



453E44



850078



050005



# Previews

## White Background



This preview shows how the Hex color 88277F looks on a white background.

## Color Contrast Check

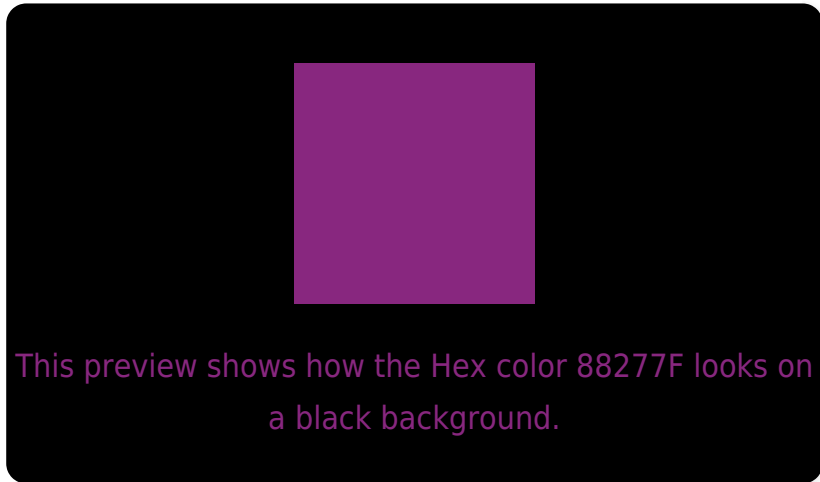
Large Text (above 18pt) WCAG AA ✓ Pass

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 88277F Background



This preview shows how black text looks on a background with the Hex color 88277F.

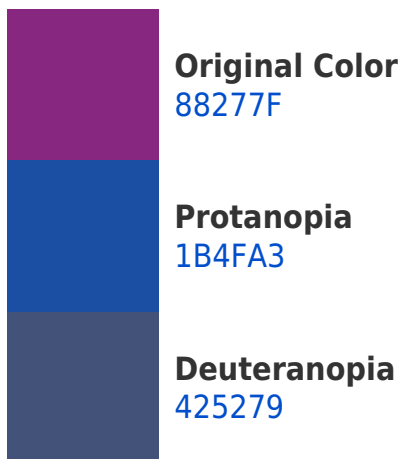


This preview shows how white text looks on a background with the Hex color 88277F.

# 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**  
813C40

# Trichromacy



**Original Color**  
88277F



**Protanomaly**  
434096



**Deuteranomaly**  
5B427B



**Tritanomaly**  
843457

# Monochromacy



**Original Color**  
88277F



**Achromatopsia**  
4E4E4E



**Achromatomaly**  
634060

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88277F 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 #88277F looks like.

```
.text, #text, p{  
    color:#88277F  
}
```

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 #88277F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88277F
}
```

## Border

The CSS property to change the border of an element to Hex 88277F is called "border". The border property can be set on classes, ids or directly on the HTML element.

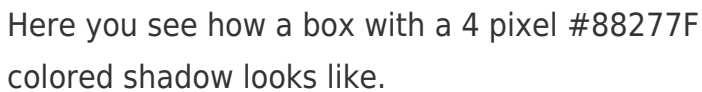
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#88277F }
```

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

```
.border{ border-color:#88277F }
```

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



Here you see how a box with a 4 pixel #88277F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88277F; -webkit-box-shadow:4px 4px  
4px 4px #88277F; box-shadow:4px 4px 4px  
4px #88277F }
```

# Background

The CSS property to change the background color of an element to Hex 88277F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88277F }
```

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

```
.background{ background-color:#88277F }
```

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