

# Converting Colors

Hex(88008E)

Have a look what the booklet for  
Hex(88008E) contains.

<b>Hex(88008E)</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(88008E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88008E
RGB	136, 0, 142
RGB Percent	53%, 0%, 56%
CMY	0.4667, 1.0000, 0.4431
CMYK	0.04, 1.00, 0.00, 0.44
HSL	297°, 100%, 28%
HSV	297°, 100%, 56%
XYZ	15.0358, 7.1872, 26.1860
YIQ	56.8520, 35.4740, 72.9940

# Conversions

## Conversions Part 2

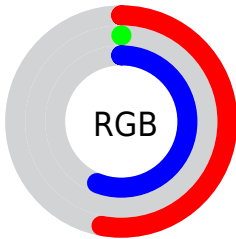
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 0, 142
Decimal	8913038
CIE <sub>Lab</sub>	32.23, 62.53, -41.22
CIE <sub>LCh</sub>	32, 74.895, 326.607
Yxy	7.1872, 0.3106, 0.1485
Android (android.graphics.Color)	4287103118 (0xFF88008E)
YUV	56.8520, 41.9780, 69.4128
Hunter-Lab	26.8090, 53.1959, -39.1458

# Details

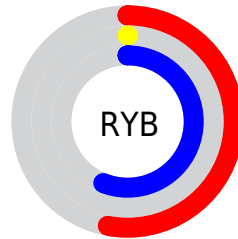
The Hex color **88008E** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **068E00**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **C14BC4**, and **51005B** is the 20% darker color. If you saturate the color by 10%, you get **88008E**, and if you desaturate by 10%, it is **890E8E**.

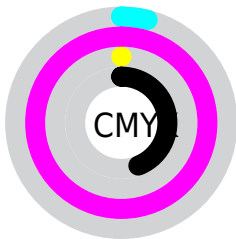
# Distribution



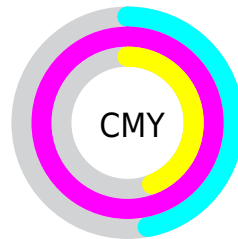
- Red (53%)
- Green (0%)
- Blue (56%)



- Red (53%)
- Yellow (0%)
- Blue (56%)



- Cyan (4%)
- Magenta (100%)
- Yellow (0%)
- Black (44%)



- Cyan (47%)
- Magenta (100%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88008E 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 88008E by changing the saturation by 10% instead.



 88008E

 88008E

FFFFFF

 6C0074

 C14BC4

 51005B

 DE67E1

 380043

 FC83FE

 1C002C

 FF9FFF

 000116

 FFBBFF

 000000

 FFD8FF

 FFF6FF

 88008E

 890E8E

 891C8E

 8A2B8E

 8A398E

 8B478E

 8C558E

 8C638E

 8D728E

 8D808E

# Harmonies

## Analogous

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



133FB8



88008E



AA0055

# Triad

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



88008E



634800



006280

# Complementary

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



88008E



068E00

# 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.



006143



88008E



275700

# Square

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



88008E



8E2800



005E00



0060B0

# Rectangle

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



88008E



AC002F



005E00



00626C



# Sweetspot

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



88008E



B581B8



00078E



5A3B5C



DBDBDB



5C5C5C



# Same Dimension

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



88008E



B000B8



8E004E



474047



810087



070008



# Inverse Universe

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



8E0006



B80008



008E40



474041



870006



080000



# Previews

## White Background



This preview shows how the Hex color 88008E looks on a white background.

## Color Contrast Check

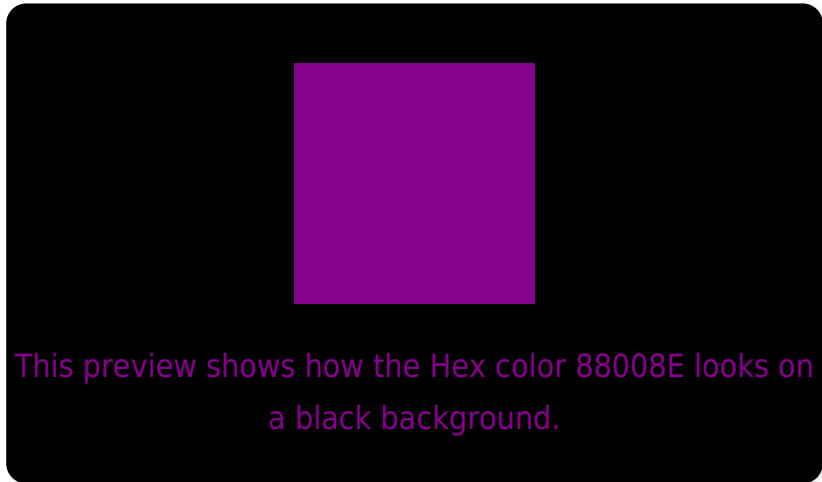
Large Text (above 18pt) WCAG AA ✓ Pass

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

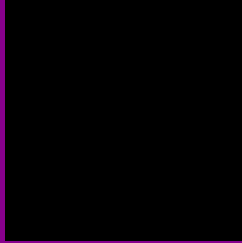
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 88008E Background



This preview shows how black text looks on a background with the Hex color 88008E.

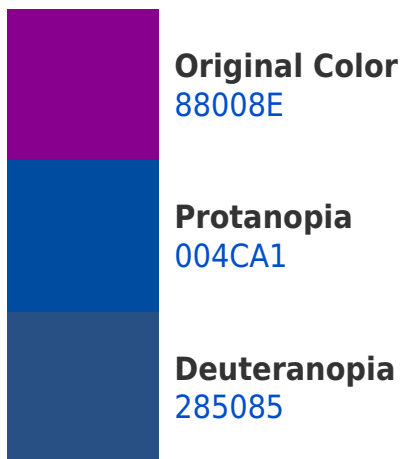


This preview shows how white text looks on a background with the Hex color 88008E.

# 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**  
7F383B

# Trichromacy



**Original Color**  
88008E



**Protanomaly**  
31309A



**Deuteranomaly**  
4B3388



**Tritanomaly**  
822459

# Monochromacy



**Original Color**  
88008E



**Achromatopsia**  
393939



**Achromatomaly**  
562458

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88008E 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 #88008E looks like.

```
.text, #text, p{  
    color:#88008E  
}
```

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 #88008E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88008E
}
```

## Border

The CSS property to change the border of an element to Hex 88008E is called "border". The border property can be set on classes, ids or directly on the HTML element.

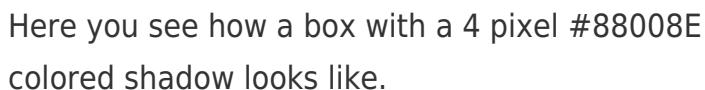
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#88008E }
```

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

```
.border{ border-color:#88008E }
```

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



Here you see how a box with a 4 pixel #88008E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88008E; -webkit-box-shadow:4px 4px  
4px 4px #88008E; box-shadow:4px 4px 4px  
4px #88008E }
```

# Background

The CSS property to change the background color of an element to Hex 88008E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88008E }
```

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

```
.background{ background-color:#88008E }
```

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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