

Converting Colors

Hex(86008B)

Have a look what the booklet for
Hex(86008B) contains.

Hex(86008B)	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(86008B)

Conversions

Conversions Part 1

Format	Color
Hex	86008B
RGB	134, 0, 139
RGB Percent	53%, 0%, 55%
CMY	0.4745, 1.0000, 0.4549
CMYK	0.04, 1.00, 0.00, 0.45
HSL	298°, 100%, 27%
HSV	298°, 100%, 55%
XYZ	14.4917, 6.9324, 25.0004
YIQ	55.9120, 35.2450, 71.6370

Conversions

Conversions Part 2

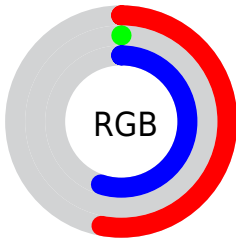
Format	Color
RYB	134, 0, 139
Decimal	8781963
CIELab	31.65, 61.72, -40.31
CIELCh	32, 73.713, 326.850
Yxy	6.9324, 0.3122, 0.1493
Android (android.graphics.Color)	4286972043 (0xFF86008B)
YUV	55.9120, 40.9624, 68.4832
Hunter-Lab	26.3295, 52.1696, -37.8665

Details

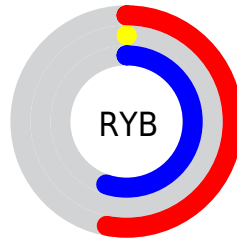
The Hex color **86008B** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **058B00**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **BF4AC1**, and **4F0058** is the 20% darker color. If you saturate the color by 10%, you get **86008B**, and if you desaturate by 10%, it is **860E8B**.

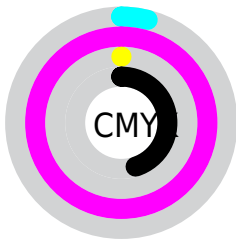
Distribution



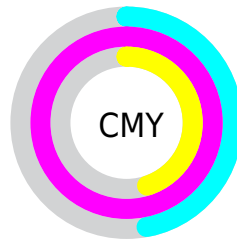
- Red (53%)
- Green (0%)
- Blue (55%)



- Red (53%)
- Yellow (0%)
- Blue (55%)



- Cyan (4%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (47%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86008B 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 86008B by changing the saturation by 10% instead.

 86008B

 86008B

FFFFFF

 6A0071

 BF4AC1

 4F0058

 DC66DD

 370040

 FA82FA

 190029

 FF9EFF

 000113

 FFBAFF

 000000

 FFD7FF

 FFF5FF

 86008B

 860E8B

 871C8B

 872A8B

 88388B

 88468B

 89538B

 89618B

 8A6F8B

 8B7D8B

Harmonies

Analogous

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



183EB4



86008B



A70053

Triad

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



86008B



614700



00617E

Complementary

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



86008B



058B00

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.



006043



86008B



265600

Square

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



86008B



8B2800



005D00



005FAD

Rectangle

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



86008B



A9002E



005D00



00606B

Sweetspot

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



86008B



B37FB5



00078B



5B3B5C



DBDBDB



5C5C5C

Same Dimension

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



86008B



AF00B5



8B004C



453E45



800085



050005

Inverse Universe

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



8B0005



B50007



008B3F



453E3E



850005



050000

Previews

White Background



This preview shows how the Hex color 86008B looks on a white background.

Color Contrast Check

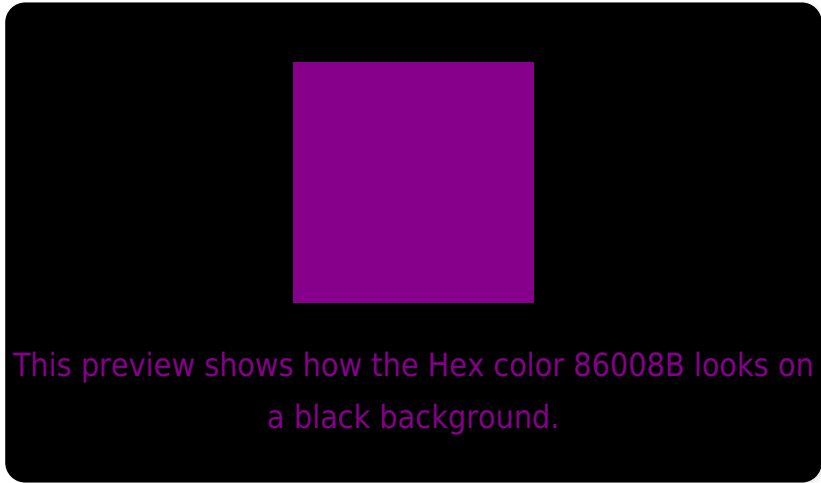
Large Text (above 18pt) WCAG AA ✓ Pass

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

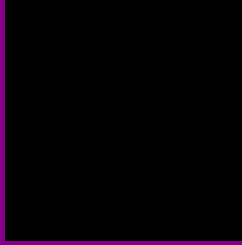
Any Text WCAG AA × Fail

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 86008B Background



This preview shows how black text looks on a background with the Hex color 86008B.




This preview shows how white text looks on a background with the Hex color 86008B.

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
7D373A

Trichromacy



Original Color
86008B

Protanomaly
313097

Deuteranomaly
4A3286

Tritanomaly
802357

Monochromacy



Original Color
86008B

Achromatopsia
383838

Achromatomaly
542456

CSS Examples

Text

The CSS property to change the color of the text to Hex 86008B 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 #86008B looks like.

```
.text, #text, p{  
    color:#86008B  
}
```

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 #86008B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86008B
}
```

Border

The CSS property to change the border of an element to Hex 86008B 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".

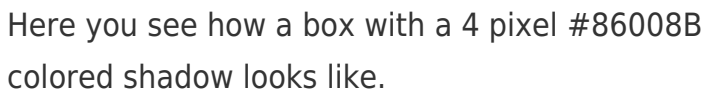
```
.border, #border, table{ border:4px solid
#86008B }
```

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

```
.border{ border-color:#86008B }
```

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

Here you see how a box with a 4 pixel #86008B colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86008B; -webkit-box-shadow:4px 4px  
4px 4px #86008B; box-shadow:4px 4px 4px  
4px #86008B }
```

Background

The CSS property to change the background color of an element to Hex 86008B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86008B }
```

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

```
.background{ background-color:#86008B }
```

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