

Converting Colors

Hex(871F8C)

Have a look what the booklet for
Hex(871F8C) contains.

Hex(871F8C)	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(871F8C)

Conversions

Conversions Part 1

Format	Color
Hex	871F8C
RGB	135, 31, 140
RGB Percent	53%, 12%, 55%
CMY	0.4706, 0.8784, 0.4510
CMYK	0.04, 0.78, 0.00, 0.45
HSL	297°, 64%, 34%
HSV	297°, 78%, 55%
XYZ	15.2153, 8.0243, 25.5579
YIQ	74.5220, 26.9950, 55.9470

Conversions

Conversions Part 2

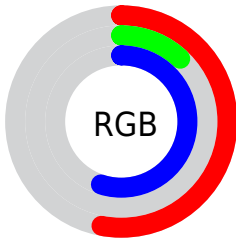
Format	Color
R_{YB}	135, 31, 140
Decimal	8855436
CIE _{Lab}	34.03, 55.83, -37.11
CIE _{LCh}	34, 67.034, 326.388
Yxy	8.0243, 0.3118, 0.1644
Android (android.graphics.Color)	4287045516 (0xFF871F8C)
YUV	74.5220, 32.2807, 53.0392
Hunter-Lab	28.3272, 46.3043, -33.6645

Details

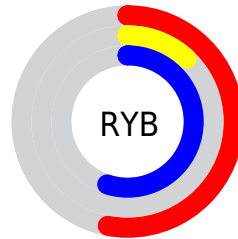
The Hex color **871F8C** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **248C1F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **BF58C2**, and **510059** is the 20% darker color. If you saturate the color by 10%, you get **86118C**, and if you desaturate by 10%, it is **882D8C**.

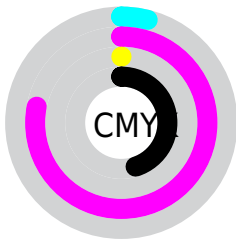
Distribution



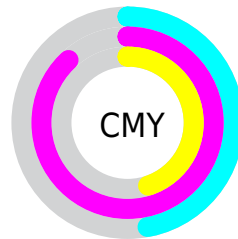
- Red (53%)
- Green (12%)
- Blue (55%)



- Red (53%)
- Yellow (12%)
- Blue (55%)



- Cyan (4%)
- Magenta (78%)
- Yellow (0%)
- Black (45%)



- Cyan (47%)
- Magenta (88%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 871F8C 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 871F8C by changing the saturation by 10% instead.

 871F8C

 871F8C

FFFFFF

 6C0072

 BF58C2

 510059

 DC73DE

 380041

 FA8FFB

 1E002A

 FFAAFF

 000114

 FFC7FF

 000000

 FFE4FF

 871F8C

 871F8C

 86118C

 882D8C

86038C

883B8C

86008C

89498C

8A578C

8A658C

8B738C

8B818C

8C8F8C

8D9D8C

Harmonies

Analogous

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



2F45B1



871F8C



A60059

Triad

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



871F8C



684C00



00667E

Complementary

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



871F8C



248C1F

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.



006548



871F8C



345A00

Square

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



871F8C



8F3200



006208



0063A9

Rectangle

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



871F8C



A90036



006208



00666D

Sweetspot

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



871F8C



B38BB5



1F248C



5B425C



DBDBDB



5C5C5C

Same Dimension

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



871F8C



AD0DB5



8C1F5B



453E45



7F0085



050005

Inverse Universe

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



8C1F24



B50D14



1F8C50



453E3E



850006



050000

Previews

White Background



This preview shows how the Hex color 871F8C 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

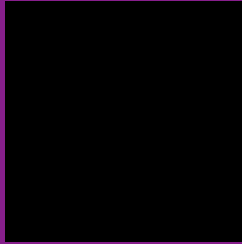
Any Text WCAG AA × Fail

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 871F8C Background



This preview shows how black text looks on a background with the Hex color 871F8C.

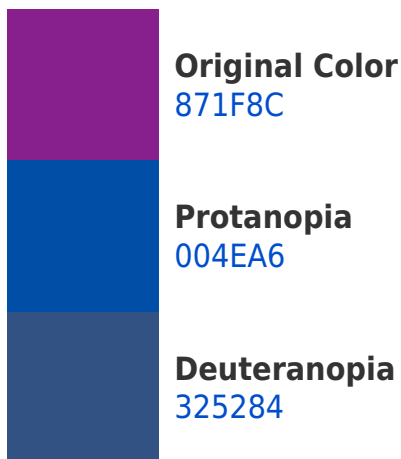


This preview shows how white text looks on a background with the Hex color 871F8C.

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
7E3D41

Trichromacy



Original Color
871F8C



Protanomaly
313D9D



Deuteranomaly
513F87



Tritanomaly
81325C

Monochromacy



Original Color
871F8C



Achromatopsia
4B4B4B



Achromatomaly
613B63

CSS Examples

Text

The CSS property to change the color of the text to Hex 871F8C 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 #871F8C looks like.

```
.text, #text, p{  
    color:#871F8C  
}
```

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 #871F8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #871F8C }
}
```

Border

The CSS property to change the border of an element to Hex 871F8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

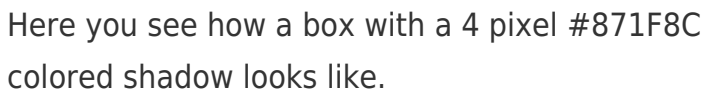
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #871F8C }
}
```

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

```
.border{ border-color:#871F8C }
```

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



Here you see how a box with a 4 pixel #871F8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #871F8C; -webkit-box-shadow:4px 4px  
4px 4px #871F8C; box-shadow:4px 4px 4px  
4px #871F8C }
```

Background

The CSS property to change the background color of an element to Hex 871F8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#871F8C }
```

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

```
.background{ background-color:#871F8C }
```

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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