

Converting Colors

Hex(876F9C)

Have a look what the booklet for
Hex(876F9C) contains.

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Color

Hex(876F9C)

Conversions

Conversions Part 1

Format	Color
Hex	876F9C
RGB	135, 111, 156
RGB Percent	53%, 44%, 61%
CMY	0.4706, 0.5647, 0.3882
CMYK	0.13, 0.29, 0.00, 0.39
HSL	272°, 19%, 52%
HSV	272°, 29%, 61%
XYZ	21.6769, 18.9201, 33.9619
YIQ	123.3060, -0.1410, 19.0830

Conversions

Conversions Part 2

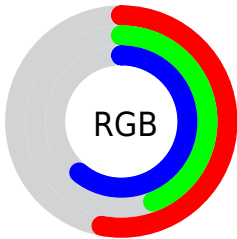
Format	Color
R_{YB}	135, 111, 156
Decimal	8875932
CIE _{Lab}	50.59, 18.44, -20.82
CIE _{LCh}	51, 27.814, 311.537
Yxy	18.9201, 0.2907, 0.2538
Android (android.graphics.Color)	4287066012 (0xFF876F9C)
YUV	123.3060, 16.1181, 10.2556
Hunter-Lab	43.4972, 12.8355, -15.8446

Details

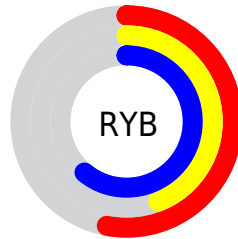
The Hex color **876F9C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **849C6F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **BDA3D3**, and **553F69** is the 20% darker color. If you saturate the color by 10%, you get **805F9C**, and if you desaturate by 10%, it is **8E7F9C**.

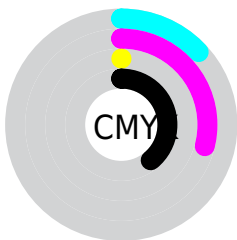
Distribution



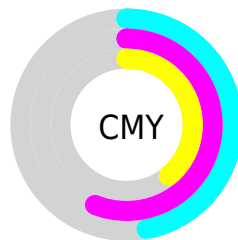
- Red (53%)
- Green (44%)
- Blue (61%)



- Red (53%)
- Yellow (44%)
- Blue (61%)



- Cyan (13%)
- Magenta (29%)
- Yellow (0%)
- Black (39%)



- Cyan (47%)
- Magenta (56%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 876F9C 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 876F9C by changing the saturation by 10% instead.

876F9C

876F9C

FFFFFF

6D5682

BDA3D3

553F69

D9BEEF

3D2950

F5DAFF

261439

FFF6FF

150024

00000B

000000

876F9C

876F9C

805F9C

8E7F9C

78509C

968E9C

71409C

9D9E9C

6A319C

A4AD9C

63219C

ABBD9C

5B119C

B3CD9C

54029C

BADC9C

53009C

C1EC9C

C9FB9C

Harmonies

Analogous

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



6678A7



876F9C



9E6888

Triad

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



876F9C



95724C



2A8581

Complementary

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



876F9C



849C6F

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.



488469



876F9C



7F7A49

Square

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



876F9C



A36A5A



658054



1F8497

Rectangle

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



876F9C



A56678



658054



338579

Sweetspot

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



876F9C



C3BACC



6F849C



615B66



E6E6E6



666666

Same Dimension

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



876F9C



AB85CC



9C6F9B



4B474F



4C008F



08000F

Inverse Universe

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



9C6F84



CC85A6



6F9C71



4F474B



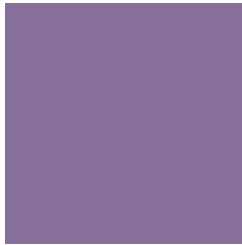
8F0043



0F0007

Previews

White Background



This preview shows how the Hex color 876F9C looks on a white background.

Color Contrast Check

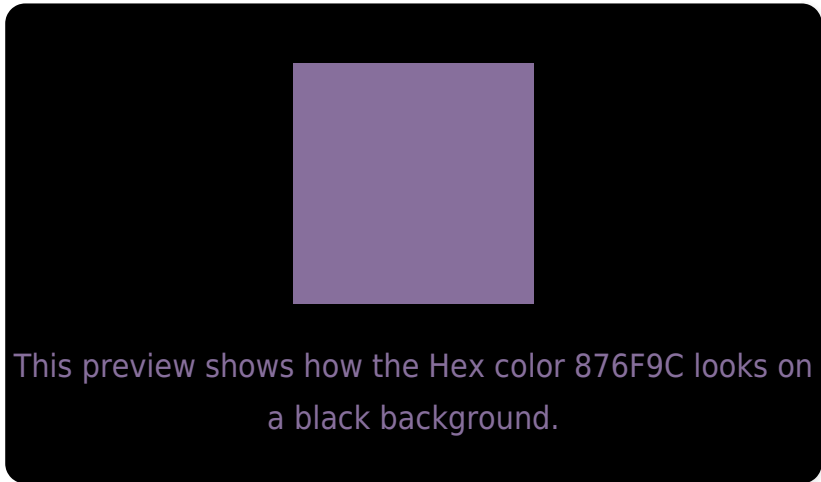
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

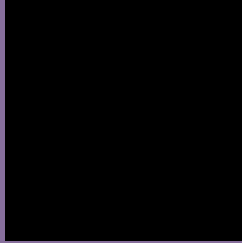
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 876F9C Background



This preview shows how black text looks on a background with the Hex color 876F9C.

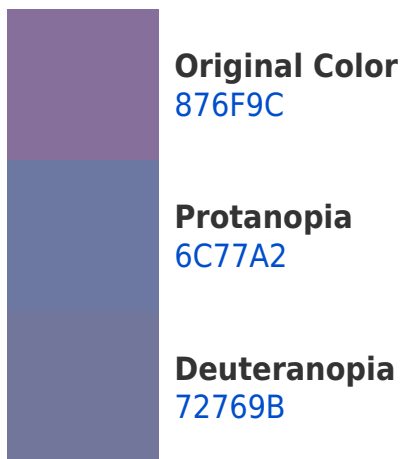


This preview shows how white text looks on a background with the Hex color 876F9C.

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
82757E

Trichromacy



Original Color
876F9C

Protanomaly
7674A0

Deuteranomaly
7A739B

Tritanomaly
847389

Monochromacy



Original Color
876F9C

Achromatopsia
7B7B7B

Achromatomaly
7F7787

CSS Examples

Text

The CSS property to change the color of the text to Hex 876F9C 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 #876F9C looks like.

```
.text, #text, p{  
    color:#876F9C  
}
```

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 #876F9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876F9C
}
```

Border

The CSS property to change the border of an element to Hex 876F9C is called "border". The border property can be set on classes, ids or directly on the HTML element.

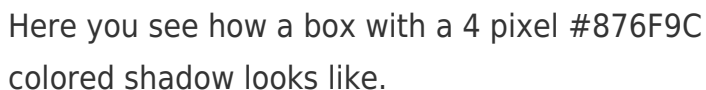
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#876F9C }
```

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

```
.border{ border-color:#876F9C }
```

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



Here you see how a box with a 4 pixel #876F9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876F9C; -webkit-box-shadow:4px 4px  
4px 4px #876F9C; box-shadow:4px 4px 4px  
4px #876F9C }
```

Background

The CSS property to change the background color of an element to Hex 876F9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876F9C }
```

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

```
.background{ background-color:#876F9C }
```

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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