

Converting Colors

Hex(872F97)

Have a look what the booklet for
Hex(872F97) contains.

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Color

Hex(872F97)

Conversions

Conversions Part 1

Format	Color
Hex	872F97
RGB	135, 47, 151
RGB Percent	53%, 18%, 59%
CMY	0.4706, 0.8157, 0.4078
CMYK	0.11, 0.69, 0.00, 0.41
HSL	291°, 53%, 39%
HSV	291°, 69%, 59%
XYZ	16.5941, 9.4183, 30.2215
YIQ	85.1680, 19.0640, 51.0000

Conversions

Conversions Part 2

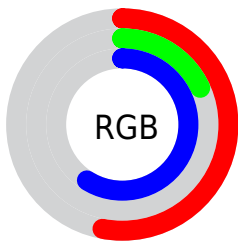
Format	Color
RYB	135, 47, 151
Decimal	8859543
CIELab	36.78, 51.96, -39.47
CIElCh	37, 65.251, 322.784
Yxy	9.4183, 0.2951, 0.1675
Android (android.graphics.Color)	4287049623 (0xFF872F97)
YUV	85.1680, 32.4552, 43.7027
Hunter-Lab	30.6892, 42.8113, -36.9038

Details

The Hex color **872F97** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3F972F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **BF64CE**, and **510063** is the 20% darker color. If you saturate the color by 10%, you get **852097**, and if you desaturate by 10%, it is **893E97**.

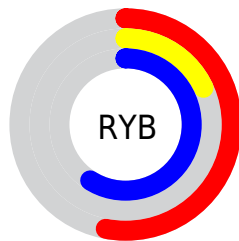
Distribution



Red (53%)

Green (18%)

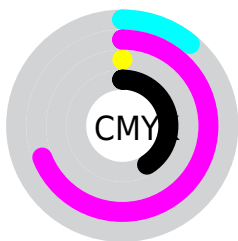
Blue (59%)



Red (53%)

Yellow (18%)

Blue (59%)

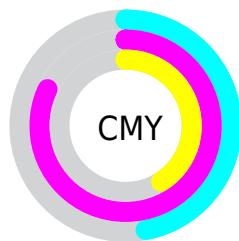


Cyan (11%)

Magenta (69%)

Yellow (0%)

Black (41%)



Cyan (47%)

Magenta (82%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 872F97 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 872F97 by changing the saturation by 10% instead.

 872F97

 872F97

FFFFFF

 6C107D

 BF64CE

 510063

 DC7FEA

 37004B

 F99AFF

 200034

 FFB6FF

 00021D

 FFD3FF

 000000

 FFF0FF

 872F97

 872F97

 852097

 893E97

■ 821197

■ 8C4D97

■ 800297

■ 8E5C97

■ 800097

■ 906B97

■ 937A97

■ 958A97

■ 979997

■ 9AA897

■ 9CB797

Harmonies

Analogous

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



254FB9



872F97



AA0066

Triad

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



872F97



755000



006C7E

Complementary

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



872F97



3F972F

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.



006B48



872F97



446000

Square

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



872F97



993600



006809



006AAA

Rectangle

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



872F97



B00043



006809



006C6C

Sweetspot

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



872F97



BE9BC4



2F4097



604B63



E3E3E3



636363

Same Dimension

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



872F97



AB21C4



972F74



4B454D



77008C



0B000D

Inverse Universe

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



972F3F



C4213A



2F9752



4D4546



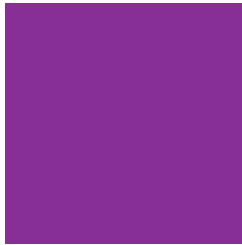
8C0016



0D0002

Previews

White Background



This preview shows how the Hex color 872F97 looks on a white background.

Color Contrast Check

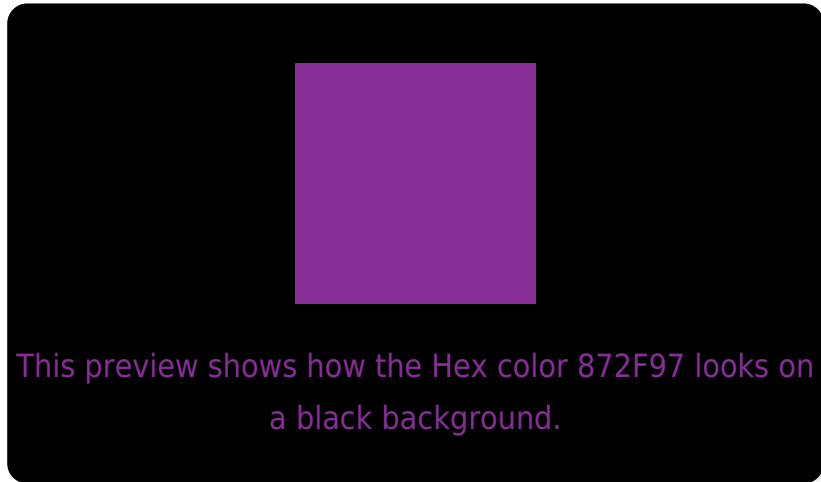
Large Text (above 18pt) WCAG AA ✓ Pass

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

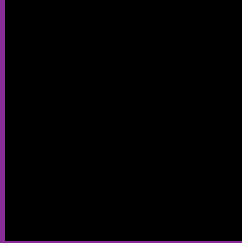
Any Text WCAG AA × Fail

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 872F97 Background



This preview shows how black text looks on a background with the Hex color 872F97.

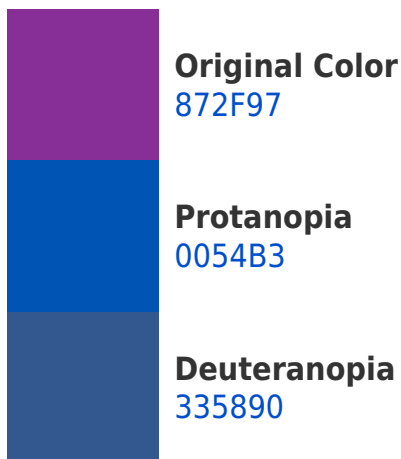


This preview shows how white text looks on a background with the Hex color 872F97.

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
7D474D

Trichromacy



Original Color
872F97



Protanomaly
3147A9



Deuteranomaly
524993



Tritanomaly
813E68

Monochromacy



Original Color
872F97



Achromatopsia
555555



Achromatomaly
67476D

CSS Examples

Text

The CSS property to change the color of the text to Hex 872F97 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 #872F97 looks like.

```
.text, #text, p{  
    color:#872F97  
}
```

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 #872F97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #872F97
}
```

Border

The CSS property to change the border of an element to Hex 872F97 is called "border". The border property can be set on classes, ids or directly on the HTML element.

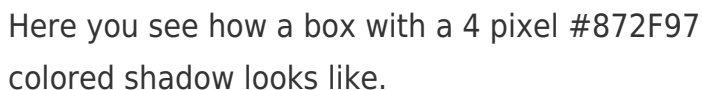
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#872F97 }
```

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

```
.border{ border-color:#872F97 }
```

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



Here you see how a box with a 4 pixel #872F97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #872F97; -webkit-box-shadow:4px 4px  
4px 4px #872F97; box-shadow:4px 4px 4px  
4px #872F97 }
```

Background

The CSS property to change the background color of an element to Hex 872F97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#872F97 }
```

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

```
.background{ background-color:#872F97 }
```

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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