

Converting Colors

Hex(813F7C)

Have a look what the booklet for
Hex(813F7C) contains.

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Color

Hex(813F7C)

Conversions

Conversions Part 1

Format	Color
Hex	813F7C
RGB	129, 63, 124
RGB Percent	51%, 25%, 49%
CMY	0.4941, 0.7529, 0.5137
CMYK	0.00, 0.51, 0.04, 0.49
HSL	305°, 34%, 38%
HSV	305°, 51%, 51%
XYZ	14.4689, 9.6774, 20.1741
YIQ	89.6880, 19.7550, 32.9630

Conversions

Conversions Part 2

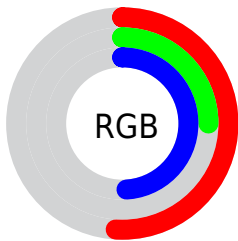
Format	Color
RYB	129, 63, 124
Decimal	8470396
CIELab	37.26, 37.42, -22.20
CIELCh	37, 43.505, 329.324
Yxy	9.6774, 0.3265, 0.2184
Android (android.graphics.Color)	4286660476 (0xFF813F7C)
YUV	89.6880, 16.9158, 34.4766
Hunter-Lab	31.1085, 28.5822, -16.6741

Details

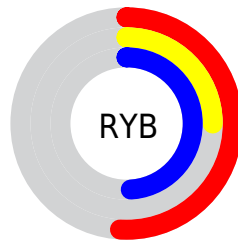
The Hex color **813F7C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3F8144**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B771B1**, and **4D0C4B** is the 20% darker color. If you saturate the color by 10%, you get **81327B**, and if you desaturate by 10%, it is **814C7D**.

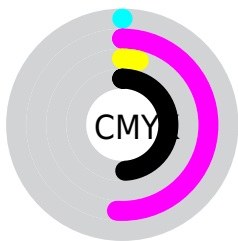
Distribution



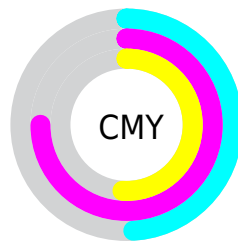
- Red (51%)
- Green (25%)
- Blue (49%)



- Red (51%)
- Yellow (25%)
- Blue (49%)



- Cyan (0%)
- Magenta (51%)
- Yellow (4%)
- Black (49%)




- Cyan (49%)
- Magenta (75%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 813F7C 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 813F7C by changing the saturation by 10% instead.

 813F7C

 813F7C

FFFFFF

 672663

 B771B1

 4D0C4B

 D48CCC

 350034

 F1A7E9

 1F001F

 FFC2FF

 000001


 FFDFFF

 000000

 FFFBFF


 813F7C

 813F7C


 81327B

 814C7D

 81257A

 81597E

 811879

 81667F

 810B78

 817380

 810077

 818081

 818C82

 819983

 81A684

 81B385

Harmonies

Analogous

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



564F95



813F7C



95355A

Triad

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



813F7C



6A5605



006879

Complementary

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



813F7C



3F8144

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.



006856



813F7C



476013

Square

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



813F7C



85481A



0A6532



006494

Rectangle

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



813F7C



973743



0A6532



00686E

Sweetspot

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



813F7C



A88FA6



433F81



544553



D4D4D4



545454

Same Dimension

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



813F7C



A842A1



813F5C



40393F



800076



000000

Inverse Universe

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



813F7C



A842A1



3F8164



40393F



800076



000000

Previews

White Background



This preview shows how the Hex color 813F7C looks on a white background.

Color Contrast Check

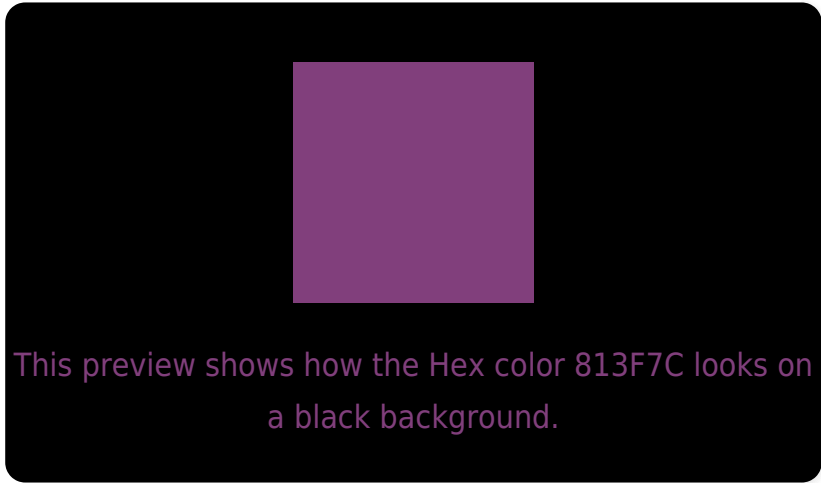
Large Text (above 18pt) WCAG AA ✓ Pass

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

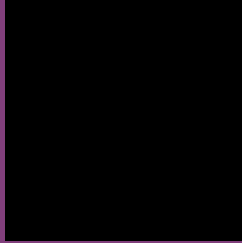
Any Text WCAG AA × Fail

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 813F7C Background



This preview shows how black text looks on a background with the Hex color 813F7C.

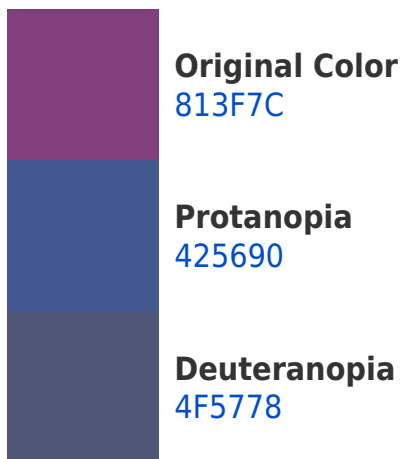


This preview shows how white text looks on a background with the Hex color 813F7C.

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
7C4A4F

Trichromacy



Original Color
813F7C

Protanomaly
594E89

Deuteranomaly
614E79

Tritanomaly
7E465F

Monochromacy



Original Color
813F7C

Achromatopsia
5A5A5A

Achromatomaly
685066

CSS Examples

Text

The CSS property to change the color of the text to Hex 813F7C 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 #813F7C looks like.

```
.text, #text, p{  
    color:#813F7C  
}
```

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 #813F7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813F7C
}
```

Border

The CSS property to change the border of an element to Hex 813F7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

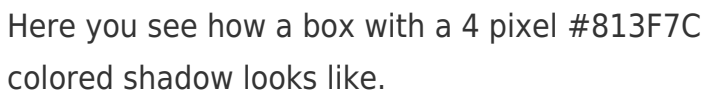
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#813F7C }
```

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

```
.border{ border-color:#813F7C }
```

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



Here you see how a box with a 4 pixel #813F7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813F7C; -webkit-box-shadow:4px 4px  
4px 4px #813F7C; box-shadow:4px 4px 4px  
4px #813F7C }
```

Background

The CSS property to change the background color of an element to Hex 813F7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813F7C }
```

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

```
.background{ background-color:#813F7C }
```

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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