

Converting Colors

Hex(813F8D)

Have a look what the booklet for
Hex(813F8D) contains.

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Color

Hex(813F8D)

Conversions

Conversions Part 1

Format	Color
Hex	813F8D
RGB	129, 63, 141
RGB Percent	51%, 25%, 55%
CMY	0.4941, 0.7529, 0.4471
CMYK	0.09, 0.55, 0.00, 0.45
HSL	291°, 38%, 40%
HSV	291°, 55%, 55%
XYZ	15.6385, 10.1452, 26.3333
YIQ	91.6260, 14.2980, 38.2500

Conversions

Conversions Part 2

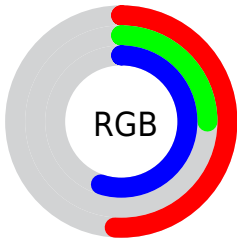
Format	Color
R_{YB}	129, 63, 141
Decimal	8470413
CIE _{Lab}	38.10, 40.78, -31.33
CIE _{LCh}	38, 51.428, 322.470
Yxy	10.1452, 0.3001, 0.1947
Android (android.graphics.Color)	4286660493 (0xFF813F8D)
YUV	91.6260, 24.3414, 32.7770
Hunter-Lab	31.8516, 31.8997, -26.7219

Details

The Hex color **813F8D** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4B8D3F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **B872C3**, and **4D0A5A** is the 20% darker color. If you saturate the color by 10%, you get **7F318D**, and if you desaturate by 10%, it is **834D8D**.

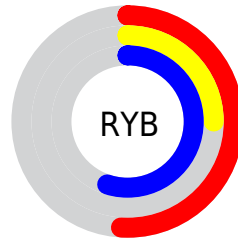
Distribution



Red (51%)

Green (25%)

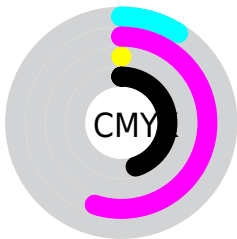
Blue (55%)



Red (51%)

Yellow (25%)

Blue (55%)

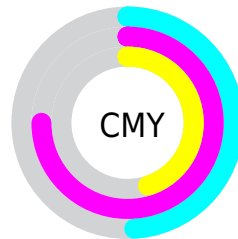


Cyan (9%)

Magenta (55%)

Yellow (0%)

Black (45%)



Cyan (49%)


Magenta (75%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 813F8D 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 813F8D by changing the saturation by 10% instead.

 813F8D

 813F8D

FFFFFF

 672673

 B872C3

 4D0A5A

 D48CDF

 340042

 F1A7FC

 20002C

 FFC3FF


 000116

 FFDFFF

 000000

 FFFCFF

 813F8D

 813F8D

 7F318D

 834D8D

7D238D

855B8D

7A158D

88698D

78078D

8A778D

77008D

8C868D

8E948D

90A28D

92B08D

95BE8D

Harmonies

Analogous

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



4153A7



813F8D



9E2E66

Triad

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



813F8D



755400



006C78

Complementary

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



813F8D



4B8D3F

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.



006C4D



813F8D



4F6100

Square

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



813F8D



934216



0B6823



006A9B

Rectangle

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



813F8D



A32D4A



0B6823



006D6A

Sweetspot

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



813F8D



B398B8



3F4C8D



59495C



DBDBDB



5C5C5C

Same Dimension

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



813F8D



A53EB8



8D3F73



464047



720087



060008

Inverse Universe

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



8D3F4B



B83E51



3F8D59



474041



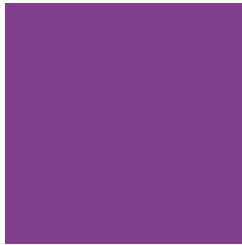
870015



080001

Previews

White Background



This preview shows how the Hex color 813F8D looks on a white background.

Color Contrast Check

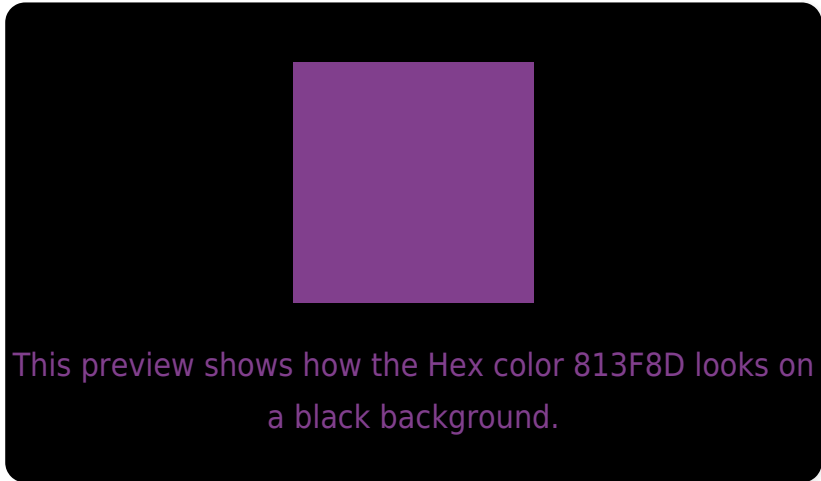
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

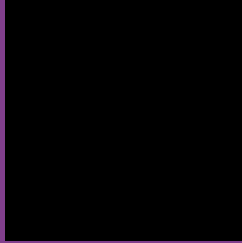
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 813F8D Background



This preview shows how black text looks on a background with the Hex color 813F8D.

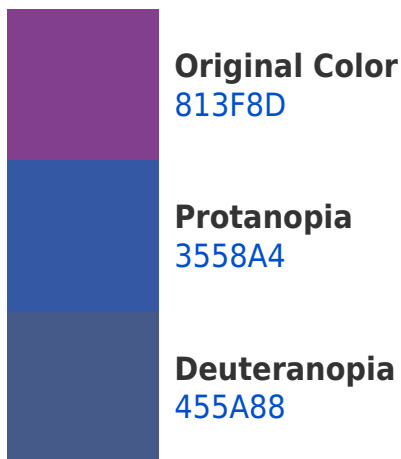



This preview shows how white text looks on a background with the Hex color 813F8D.

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](#).

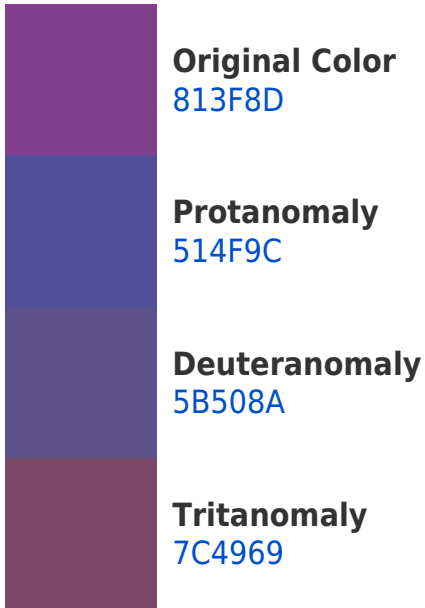
Dichromacy



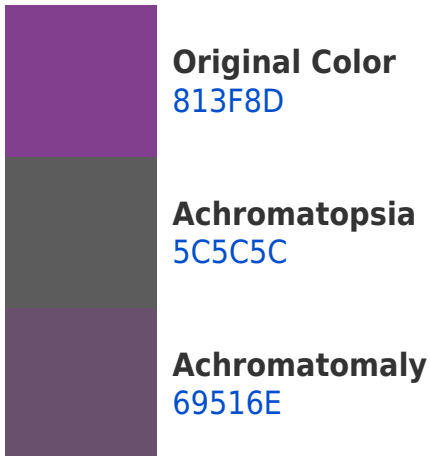


Tritanopia
794E54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 813F8D 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 #813F8D looks like.

```
.text, #text, p{  
    color:#813F8D  
}
```

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 #813F8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813F8D
}
```

Border

The CSS property to change the border of an element to Hex 813F8D is called "border". The border property can be set on classes, ids or directly on the HTML element.

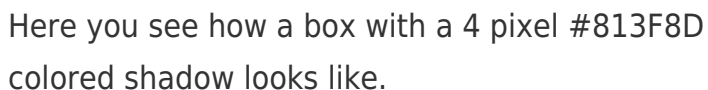
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#813F8D }
```

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

```
.border{ border-color:#813F8D }
```

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



Here you see how a box with a 4 pixel #813F8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813F8D; -webkit-box-shadow:4px 4px  
4px 4px #813F8D; box-shadow:4px 4px 4px  
4px #813F8D }
```

Background

The CSS property to change the background color of an element to Hex 813F8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813F8D }
```

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

```
.background{ background-color:#813F8D }
```

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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