

Converting Colors

Hex(813E94)

Have a look what the booklet for
Hex(813E94) contains.

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Color

Hex(813E94)

Conversions

Conversions Part 1

Format	Color
Hex	813E94
RGB	129, 62, 148
RGB Percent	51%, 24%, 58%
CMY	0.4941, 0.7569, 0.4196
CMYK	0.13, 0.58, 0.00, 0.42
HSL	287°, 41%, 41%
HSV	287°, 58%, 58%
XYZ	16.1212, 10.2505, 29.1458
YIQ	91.8370, 12.3260, 40.9500

Conversions

Conversions Part 2

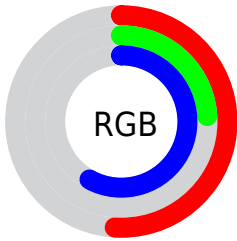
Format	Color
R_{YB}	129, 62, 148
Decimal	8470164
CIE _{Lab}	38.29, 42.77, -35.29
CIE _{LCh}	38, 55.453, 320.471
Yxy	10.2505, 0.2904, 0.1846
Android (android.graphics.Color)	4286660244 (0xFF813E94)
YUV	91.8370, 27.6884, 32.5920
Hunter-Lab	32.0164, 33.8512, -31.5626

Details

The Hex color **813E94** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **51943E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **B871CB**, and **4D0761** is the 20% darker color. If you saturate the color by 10%, you get **7E2F94**, and if you desaturate by 10%, it is **844D94**.

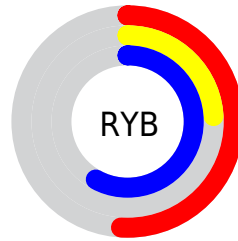
Distribution



Red (51%)

Green (24%)

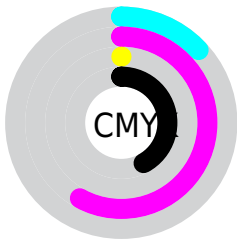
Blue (58%)



Red (51%)

Yellow (24%)

Blue (58%)

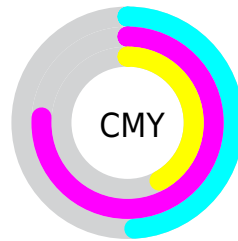


Cyan (13%)

Magenta (58%)

Yellow (0%)

Black (42%)



Cyan (49%)

Magenta (76%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 813E94 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 813E94 by changing the saturation by 10% instead.

813E94

813E94

FFFFFF

67257A

B871CB

4D0761

D48BE7

330048

F1A6FF

1F0032

FFC2FF

00011B

FFDFFF

000000

FFFBFF

813E94

813E94

7E2F94

844D94

7A2094

885C94

771294

8B6A94

740394

8E7994

730094

918894

959794

98A694

9BB494

9EC394

Harmonies

Analogous

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



3455AF



813E94



A2286A

Triad

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



813E94



795300



006E78

Complementary

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



813E94



51943E

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.



006D4A



813E94



506100

Square

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



813E94



983F12



04691A



006C9F

Rectangle

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



813E94



A9254C



04691A



006E69

Sweetspot

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



813E94



B89FBF



3E5294



5D4E61



E0E0E0



616161

Same Dimension

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



813E94



A239BF



943E7D



48434A



6B008A



08000A

Inverse Universe

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



943E51



BF3957



3E9455



4A4344



8A001E



0A0002

Previews

White Background



This preview shows how the Hex color 813E94 looks on a white background.

Color Contrast Check

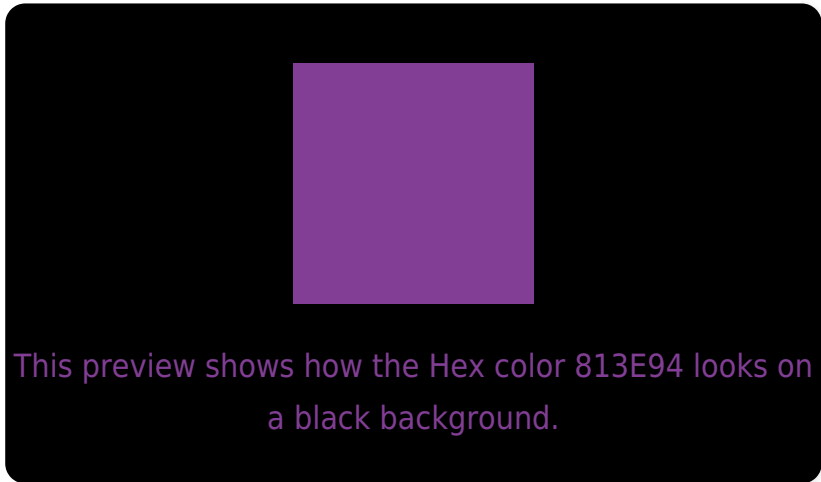
Large Text (above 18pt) WCAG AA ✓ Pass

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

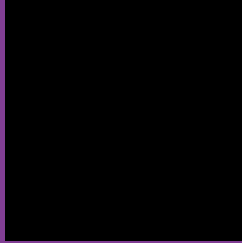
Any Text WCAG AA × Fail

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 813E94 Background



This preview shows how black text looks on a background with the Hex color 813E94.

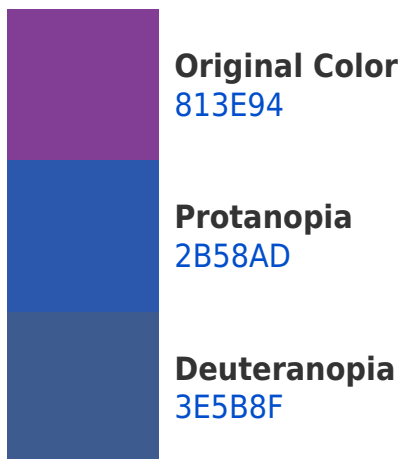



This preview shows how white text looks on a background with the Hex color 813E94.

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](#).

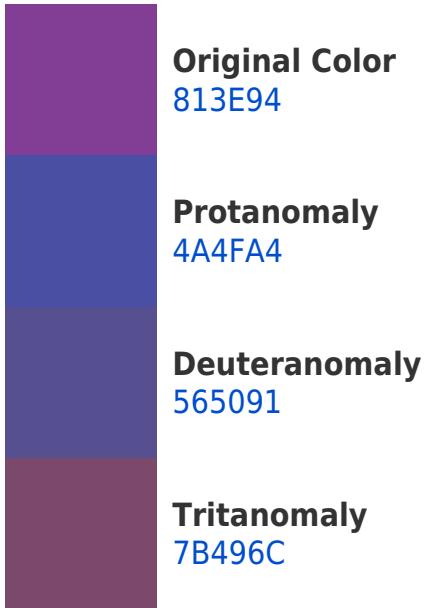
Dichromacy





Tritanopia
784F55

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 813E94 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 #813E94 looks like.

```
.text, #text, p{  
    color:#813E94  
}
```

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 #813E94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813E94
}
```

Border

The CSS property to change the border of an element to Hex 813E94 is called "border". The border property can be set on classes, ids or directly on the HTML element.

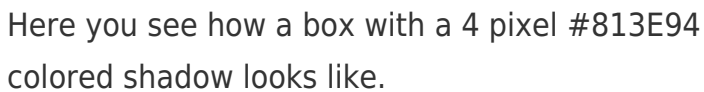
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#813E94 }
```

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

```
.border{ border-color:#813E94 }
```

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



Here you see how a box with a 4 pixel #813E94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813E94; -webkit-box-shadow:4px 4px  
4px 4px #813E94; box-shadow:4px 4px 4px  
4px #813E94 }
```

Background

The CSS property to change the background color of an element to Hex 813E94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813E94 }
```

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

```
.background{ background-color:#813E94 }
```

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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