

Converting Colors

Hex(803F93)

Have a look what the booklet for
Hex(803F93) contains.

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Color

Hex(803F93)

Conversions

Conversions Part 1

Format	Color
Hex	803F93
RGB	128, 63, 147
RGB Percent	50%, 25%, 58%
CMY	0.4980, 0.7529, 0.4235
CMYK	0.13, 0.57, 0.00, 0.42
HSL	286°, 40%, 41%
HSV	286°, 57%, 58%
XYZ	15.9461, 10.2508, 28.7419
YIQ	92.0110, 11.7760, 39.9040

Conversions

Conversions Part 2

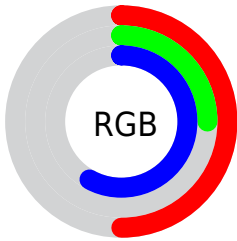
Format	Color
R _Y B	128, 63, 147
Decimal	8404883
CIE Lab	38.29, 41.76, -34.70
CIE LCh	38, 54.295, 320.281
Yxy	10.2508, 0.2903, 0.1866
Android (android.graphics.Color)	4286594963 (0xFF803F93)
YUV	92.0110, 27.1096, 31.5624
Hunter-Lab	32.0169, 32.8727, -30.8135

Details

The Hex color **803F93** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **52933F**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **B772C9**, and **4C0A60** is the 20% darker color. If you saturate the color by 10%, you get **7D3093**, and if you desaturate by 10%, it is **834E93**.

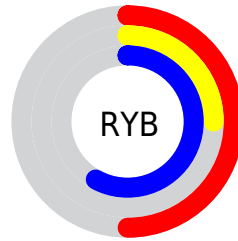
Distribution



Red (50%)

Green (25%)

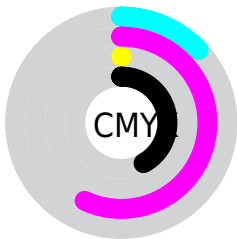
Blue (58%)



Red (50%)

Yellow (25%)

Blue (58%)

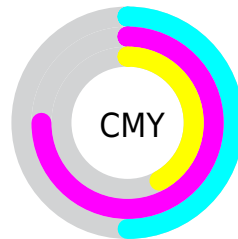


Cyan (13%)

Magenta (57%)

Yellow (0%)

Black (42%)



Cyan (50%)

Magenta (75%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 803F93 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 803F93 by changing the saturation by 10% instead.

 803F93

 803F93

FFFFFF

 662679

 B772C9

 4C0A60

 D38CE6

 330048

 F0A7FF

 1E0031

 FFC3FF

 00011B

 FFDFFF

 000000

 FFFCFF

 803F93

 803F93

 7D3093

 834E93

792293

875C93

761393

8A6B93

730493

8D7A93

720093

918993

949793

97A693

9BB593

9EC393

Harmonies

Analogous

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



3555AD



803F93



A12A6A

Triad

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



803F93



795300



006E77

Complementary

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



803F93



52933F

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



803F93



516100

Square

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



803F93



973F15



0C691C



006B9D

Rectangle

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



803F93



A7274D



0C691C



006E69

Sweetspot

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



803F93



B89FBF



3F5393



5D4E61



E0E0E0



616161

Same Dimension

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



803F93



A13BBF



933F7D



48434A



6B008A



08000A

Inverse Universe

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



933F52



BF3B59



3F9355



4A4344



8A001F



0A0002

Previews

White Background



This preview shows how the Hex color 803F93 looks on a white background.

Color Contrast Check

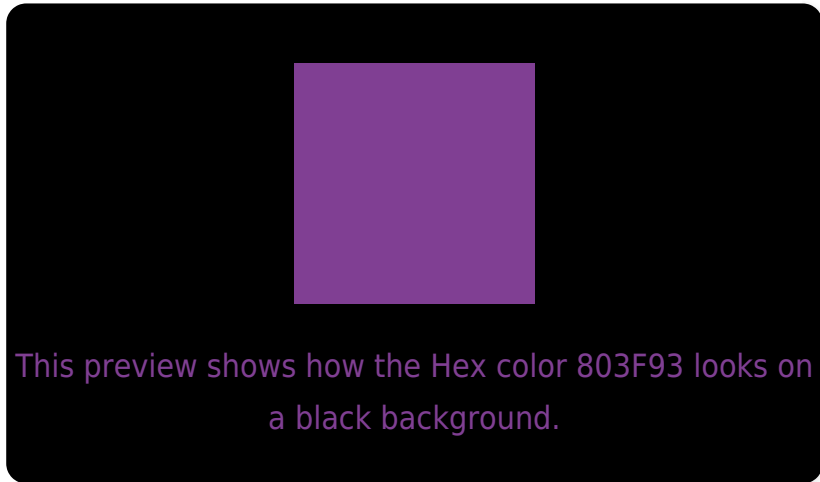
Large Text (above 18pt) WCAG AA ✓ Pass

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

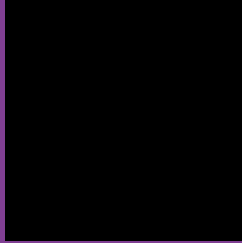
Any Text WCAG AA × Fail

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 803F93 Background



This preview shows how black text looks on a background with the Hex color 803F93.

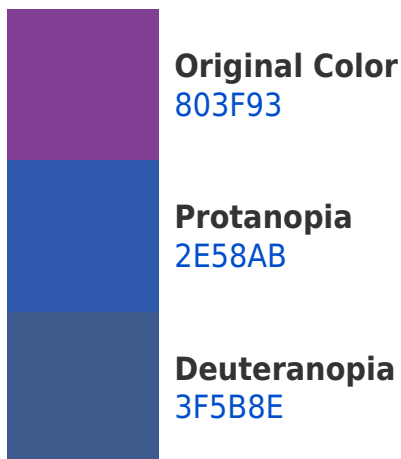



This preview shows how white text looks on a background with the Hex color 803F93.

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](#).

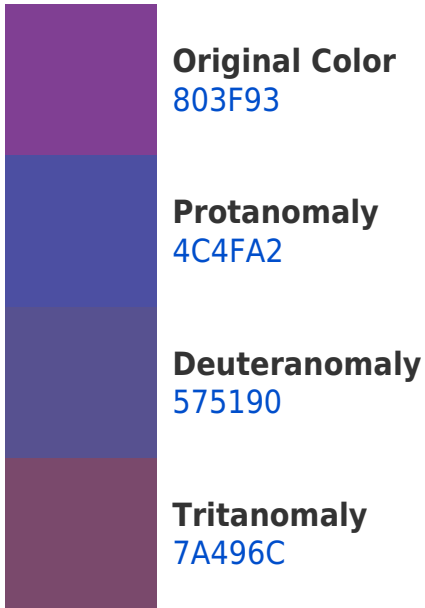
Dichromacy



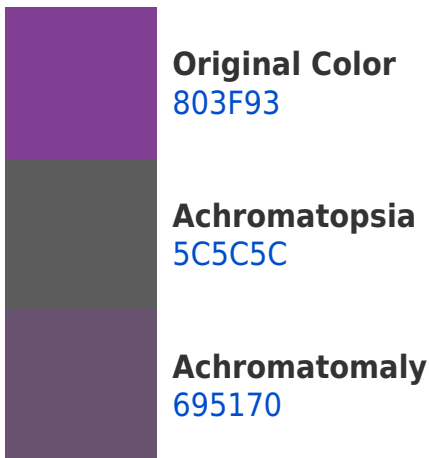


Tritanopia
774F56

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 803F93 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 #803F93 looks like.

```
.text, #text, p{  
    color:#803F93  
}
```

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 #803F93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803F93
}
```

Border

The CSS property to change the border of an element to Hex 803F93 is called "border". The border property can be set on classes, ids or directly on the HTML element.

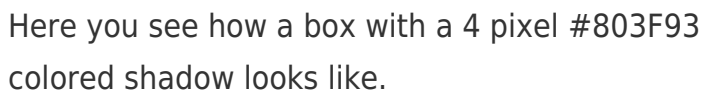
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803F93 }
```

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

```
.border{ border-color:#803F93 }
```

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



Here you see how a box with a 4 pixel #803F93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803F93; -webkit-box-shadow:4px 4px  
4px 4px #803F93; box-shadow:4px 4px 4px  
4px #803F93 }
```

Background

The CSS property to change the background color of an element to Hex 803F93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803F93 }
```

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

```
.background{ background-color:#803F93 }
```

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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