

Converting Colors

Hex(793E93)

Have a look what the booklet for
Hex(793E93) contains.

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Color

Hex(793E93)

Conversions

Conversions Part 1

Format	Color
Hex	793E93
RGB	121, 62, 147
RGB Percent	47%, 24%, 58%
CMY	0.5255, 0.7569, 0.4235
CMYK	0.18, 0.58, 0.00, 0.42
HSL	282°, 41%, 41%
HSV	282°, 58%, 58%
XYZ	14.8742, 9.6168, 28.6760
YIQ	89.3310, 7.8790, 38.9430

Conversions

Conversions Part 2

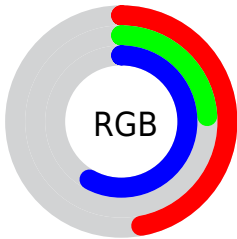
Format	Color
R _Y B	121, 62, 147
Decimal	7945875
CIE Lab	37.15, 40.37, -36.57
CIE LCh	37, 54.468, 317.828
Yxy	9.6168, 0.2798, 0.1809
Android (android.graphics.Color)	4286135955 (0xFF793E93)
YUV	89.3310, 28.4308, 27.7737
Hunter-Lab	31.0109, 31.3475, -33.1182

Details

The Hex color **793E93** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **58933E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **AF70C9**, and **450A60** is the 20% darker color. If you saturate the color by 10%, you get **752F93**, and if you desaturate by 10%, it is **7D4D93**.

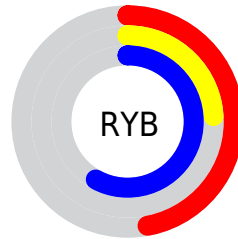
Distribution



Red (47%)

Green (24%)

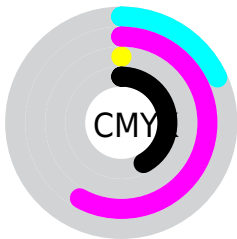
Blue (58%)



Red (47%)

Yellow (24%)

Blue (58%)

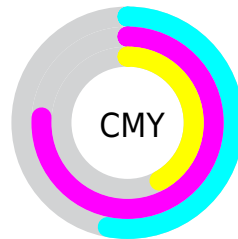


Cyan (18%)

Magenta (58%)

Yellow (0%)

Black (42%)



Cyan (53%)

Magenta (76%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 793E93 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 793E93 by changing the saturation by 10% instead.

793E93

793E93

FFFFFF

5F2579

AF70C9

450A60

CC8BE6

2C0047

E8A6FF

160031

FFC1FF

00011B

FFDDFF

000000

FFFAFF

793E93

793E93

752F93

7D4D93

702193

825B93

6C1293

866A93

670393

8B7993

660093

8F8893

949693

98A593

9DB493

A1C293

Harmonies

Analogous

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



2454AC



793E93



9C286B

Triad

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



793E93



794F00



006B71

Complementary

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



793E93



58933E

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.



006A43



793E93



525D00

Square

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



793E93



963B15



136614



006998

Rectangle

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



793E93



A4234E



136614



006B62

Sweetspot

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



793E93



B59FBF



3E5993



5B4E61



E0E0E0



616161

Same Dimension

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



793E93



973BBF



933E83



48434A



60008A



07000A

Inverse Universe

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



933E58



BF3B64



3E934E



4A4345



8A002A



0A0003

Previews

White Background



This preview shows how the Hex color 793E93 looks on a white background.

Color Contrast Check

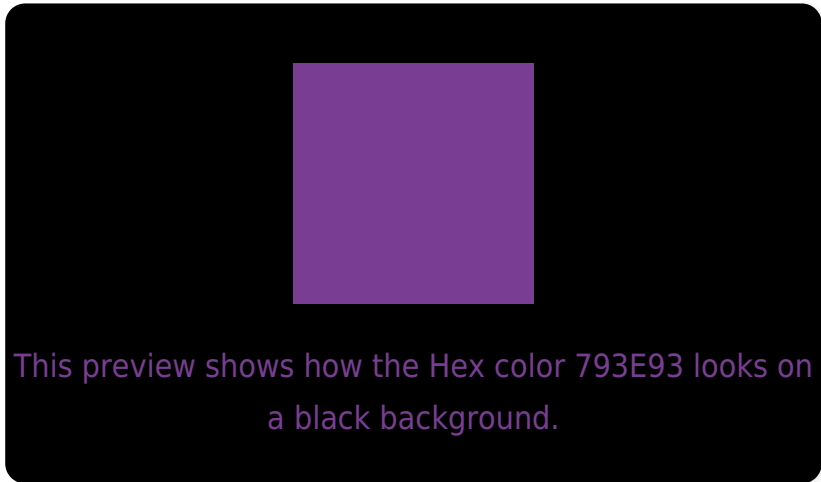
Large Text (above 18pt) WCAG AA ✓ Pass

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

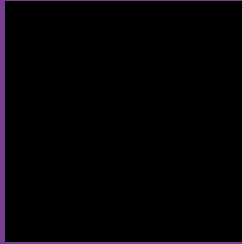
Any Text WCAG AA × Fail

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 793E93 Background



This preview shows how black text looks on a background with the Hex color 793E93.

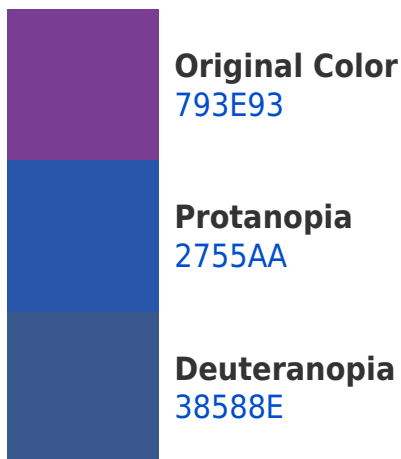



This preview shows how white text looks on a background with the Hex color 793E93.

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
704F55

Trichromacy



Original Color
793E93



Protanomaly
454DA2



Deuteranomaly
504F90



Tritanomaly
73496C

Monochromacy



Original Color
793E93



Achromatopsia
595959



Achromatomaly
654F6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 793E93 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 #793E93 looks like.

```
.text, #text, p{  
    color:#793E93  
}
```

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 #793E93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #793E93
}
```

Border

The CSS property to change the border of an element to Hex 793E93 is called "border". The border property can be set on classes, ids or directly on the HTML element.

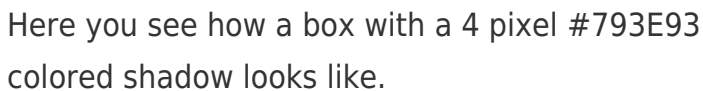
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#793E93 }
```

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

```
.border{ border-color:#793E93 }
```

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



Here you see how a box with a 4 pixel #793E93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #793E93; -webkit-box-shadow:4px 4px  
4px 4px #793E93; box-shadow:4px 4px 4px  
4px #793E93 }
```

Background

The CSS property to change the background color of an element to Hex 793E93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#793E93 }
```

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

```
.background{ background-color:#793E93 }
```

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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