

Converting Colors

Hex(794A96)

Have a look what the booklet for
Hex(794A96) contains.

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Color

Hex(794A96)

Conversions

Conversions Part 1

Format	Color
Hex	794A96
RGB	121, 74, 150
RGB Percent	47%, 29%, 59%
CMY	0.5255, 0.7098, 0.4118
CMYK	0.19, 0.51, 0.00, 0.41
HSL	277°, 34%, 44%
HSV	277°, 51%, 59%
XYZ	15.8390, 11.1645, 30.1743
YIQ	96.7170, 3.6160, 33.6000

Conversions

Conversions Part 2

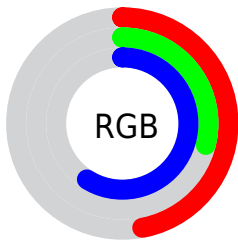
Format	Color
R_{YB}	121, 74, 150
Decimal	7948950
CIE _{Lab}	39.86, 34.39, -34.09
CIE _{LCh}	40, 48.422, 315.250
Yxy	11.1645, 0.2770, 0.1953
Android (android.graphics.Color)	4286139030 (0xFF794A96)
YUV	96.7170, 26.2685, 21.2962
Hunter-Lab	33.4133, 26.1412, -30.1532

Details

The Hex color **794A96** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **67964A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **AF7CCD**, and **461B63** is the 20% darker color. If you saturate the color by 10%, you get **733B96**, and if you desaturate by 10%, it is **7F5996**.

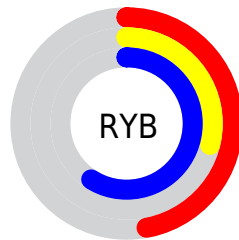
Distribution



Red (47%)

Green (29%)

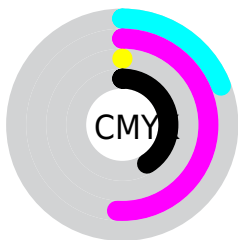
Blue (59%)



Red (47%)

Yellow (29%)

Blue (59%)

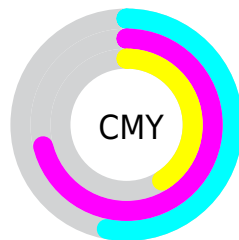


Cyan (19%)

Magenta (51%)

Yellow (0%)

Black (41%)



Cyan (53%)

Magenta (71%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 794A96 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 794A96 by changing the saturation by 10% instead.

 794A96

 794A96

FFFFFF

 5F327C

 AF7CCD

 461B63

 CB96E9

 2D024A

 E8B2FF

 1B0034

 FFCDFE

 00021D

 FFEAFF

 000000

 794A96

 794A96

 733B96

 7F5996

 6E2C96

 846896

681D96

8A7796

620E96

908696

5D0096

969596

9BA496

A1B396

A7C296

ADD196

Harmonies

Analogous

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



315CAB



794A96



9B3973

Triad

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



794A96



815505



007072

Complementary

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



794A96



67964A

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.



006F48



794A96



5E6200

Square

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



794A96



9A4427



2F6B21



006E95

Rectangle

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



794A96



A43559



2F6B21



007064

Sweetspot

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



794A96



B7A5C2



4A6796



5A4F61



E0E0E0



616161

Same Dimension

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



794A96



954CC2



964A8D



47434A



55008A



06000A

Inverse Universe

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



964A67



C24C79



4A9653



4A4345



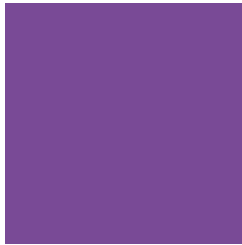
8A0035



0A0004

Previews

White Background



This preview shows how the Hex color 794A96 looks on a white background.

Color Contrast Check

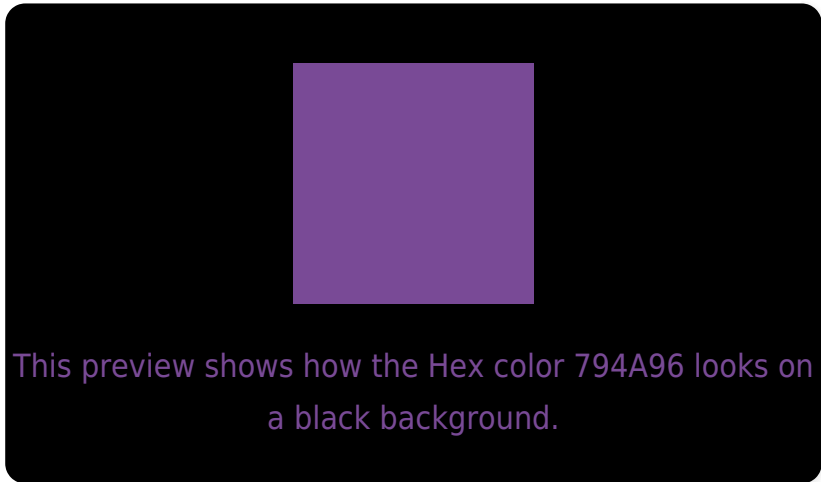
Large Text (above 18pt) WCAG AA ✓ Pass

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

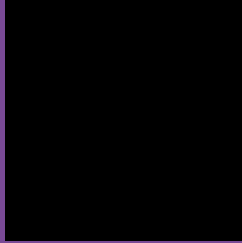
Any Text WCAG AA × Fail

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 794A96 Background



This preview shows how black text looks on a background with the Hex color 794A96.

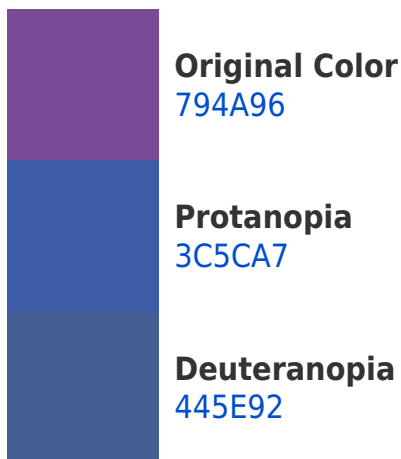


This preview shows how white text looks on a background with the Hex color 794A96.

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
70585E

Trichromacy



Original Color

794A96



Protanomaly

5255A1



Deuteranomaly

575793



Tritanomaly

735372

Monochromacy



Original Color

794A96



Achromatopsia

616161



Achromatomaly

6A5974

CSS Examples

Text

The CSS property to change the color of the text to Hex 794A96 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 #794A96 looks like.

```
.text, #text, p{  
    color:#794A96  
}
```

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 #794A96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #794A96
}
```

Border

The CSS property to change the border of an element to Hex 794A96 is called "border". The border property can be set on classes, ids or directly on the HTML element.

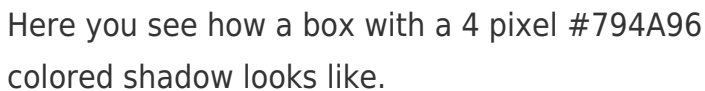
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#794A96 }
```

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

```
.border{ border-color:#794A96 }
```

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



Here you see how a box with a 4 pixel #794A96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #794A96; -webkit-box-shadow:4px 4px  
4px 4px #794A96; box-shadow:4px 4px 4px  
4px #794A96 }
```

Background

The CSS property to change the background color of an element to Hex 794A96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#794A96 }
```

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

```
.background{ background-color:#794A96 }
```

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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