

Converting Colors

Hex(793AAD)

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

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Color

Hex(793AAD)

Conversions

Conversions Part 1

Format	Color
Hex	793AAD
RGB	121, 58, 173
RGB Percent	47%, 23%, 68%
CMY	0.5255, 0.7725, 0.3216
CMYK	0.30, 0.66, 0.00, 0.32
HSL	273°, 50%, 45%
HSV	273°, 66%, 68%
XYZ	16.9410, 10.1082, 40.5933
YIQ	89.9470, 0.6330, 49.1210

Conversions

Conversions Part 2

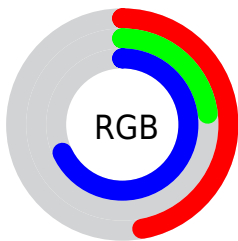
Format	Color
R _Y B	121, 58, 173
Decimal	7944877
CIE Lab	38.04, 48.47, -50.78
CIE LCh	38, 70.201, 313.669
Yxy	10.1082, 0.2504, 0.1494
Android (android.graphics.Color)	4286134957 (0xFF793AAD)
YUV	89.9470, 40.9451, 27.2335
Hunter-Lab	31.7934, 39.4750, -53.4453

Details

The Hex color **793AAD** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6EAD3A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B16DE5**, and **430078** is the 20% darker color. If you saturate the color by 10%, you get **7129AD**, and if you desaturate by 10%, it is **814BAD**.

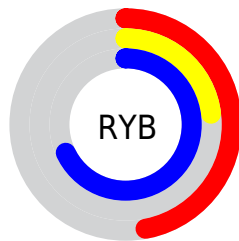
Distribution



Red (47%)

Green (23%)

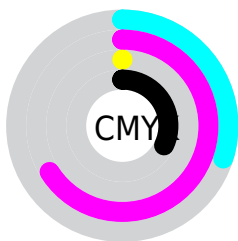
Blue (68%)



Red (47%)

Yellow (23%)

Blue (68%)

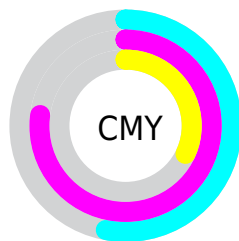


Cyan (30%)

Magenta (66%)

Yellow (0%)

Black (32%)



Cyan (53%)

Magenta (77%)

Yellow (32%)

Brightness & Saturation Gradients

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

 793AAD

 793AAD

FFFFFF

 5E2092

 B16DE5

 430078

 CE88FF

 26005E

 EBA3FF

 0B0046

 FFBFFF

 00042E

 FFDBFF

 000119

 FFF8FF

 000000

 793AAD

 793AAD

 7129AD

 814BAD

6917AD

895DAD

6206AD

906EAD

5F00AD

987FAD

A091AD

A8A2AD

B0B3AD

B8C4AD

BFD6AD

Harmonies

Analogous

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



0059CA



793AAD



AC007B

Triad

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



793AAD



874B00



007173

Complementary

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



793AAD



6EAD3A

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.



006F37



793AAD



565F00

Square

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



793AAD



AA2906



006A00



0070A8

Rectangle

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



793AAD



B90055



006A00



00705F

Sweetspot

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



793AAD



CCB4E0



3A70AD



645570



F0F0F0



707070

Same Dimension

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



793AAD



8F2DE0



AD3AA9



534E57



520096



0D0017

Inverse Universe

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



AD3A6E



E02D7E



3AAD3E



574E52



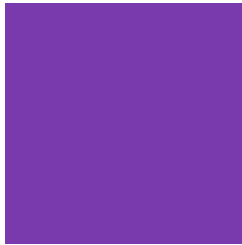
960044



17000A

Previews

White Background



This preview shows how the Hex color 793AAD 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

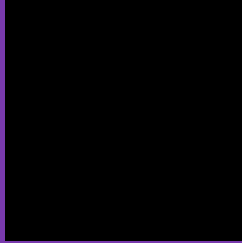
Any Text WCAG AA × Fail

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 793AAD Background



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

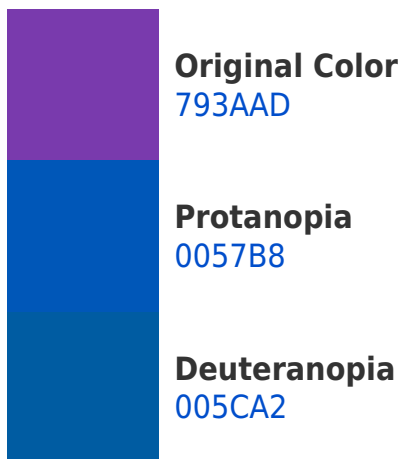



This preview shows how white text looks on a background with the Hex color 793AAD.

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
6A545A

Trichromacy



Original Color
793AAD



Protanomaly
2C4CB4



Deuteranomaly
2C50A6



Tritanomaly
6F4B78

Monochromacy



Original Color
793AAD



Achromatopsia
5A5A5A



Achromatomaly
654E78

CSS Examples

Text

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

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

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 #793AAD colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 793AAD 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
#793AAD }
```

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

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

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

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

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

Background

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

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

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

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

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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