

Converting Colors

Hex(783AA1)

Have a look what the booklet for
Hex(783AA1) contains.

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Color

Hex(783AA1)

Conversions

Conversions Part 1

Format	Color
Hex	783AA1
RGB	120, 58, 161
RGB Percent	47%, 23%, 63%
CMY	0.5294, 0.7725, 0.3686
CMYK	0.25, 0.64, 0.00, 0.37
HSL	276°, 47%, 43%
HSV	276°, 64%, 63%
XYZ	15.6918, 9.5924, 34.7427
YIQ	88.2800, 3.8890, 45.1770

Conversions

Conversions Part 2

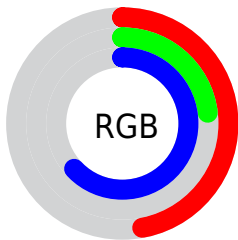
Format	Color
R_{YB}	120, 58, 161
Decimal	7879329
CIE _{Lab}	37.10, 45.41, -45.11
CIE _{LCh}	37, 64.011, 315.188
Yxy	9.5924, 0.2614, 0.1598
Android (android.graphics.Color)	4286069409 (0xFF783AA1)
YUV	88.2800, 35.8510, 27.8184
Hunter-Lab	30.9716, 36.2371, -44.8290

Details

The Hex color **783AA1** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **63A13A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **AF6DD8**, and **43026D** is the 20% darker color. If you saturate the color by 10%, you get **722AA1**, and if you desaturate by 10%, it is **7E4AA1**.

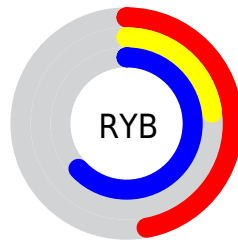
Distribution



Red (47%)

Green (23%)

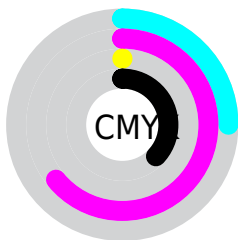
Blue (63%)



Red (47%)

Yellow (23%)

Blue (63%)

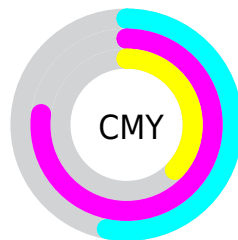


Cyan (25%)

Magenta (64%)

Yellow (0%)

Black (37%)



Cyan (53%)

Magenta (77%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 783AA1 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 783AA1 by changing the saturation by 10% instead.

783AA1

783AA1

FFFFFF

5D2086

AF6DD8

43026D

CC87F5

280054

E9A2FF

10003C

FFBEFF

000225

FFDAFF

00010D

FFF7FF

000000

783AA1

783AA1

722AA1

7E4AA1

■ 6B1AA1

■ 855AA1

■ 650AA1

■ 8B6AA1

■ 6100A1

■ 927AA1

■ 988BA1

■ 9E9BA1

■ A5ABA1

■ ABBBA1

■ B2CBA1

Harmonies

Analogous

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



0055BC



783AA1



A41273

Triad

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



783AA1



804C00



006D71

Complementary

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



783AA1



63A13A

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.



006B3B



783AA1



535D00

Square

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



783AA1



A02F0B



006700



006CA0

Rectangle

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



783AA1



AF0051



006700



006D5F

Sweetspot

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



783AA1



C1A9D1



3A63A1



5F5169



E8E8E8



696969

Same Dimension

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



783AA1



9130D1



A13A97



4E4952



570091



0B0012

Inverse Universe

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



A13A63



D13070



3AA144



52494D



91003A



120007

Previews

White Background



This preview shows how the Hex color 783AA1 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

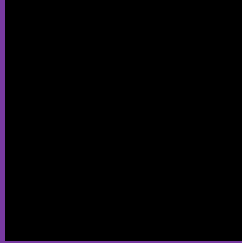
Any Text WCAG AA × Fail

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 783AA1 Background



This preview shows how black text looks on a background with the Hex color 783AA1.

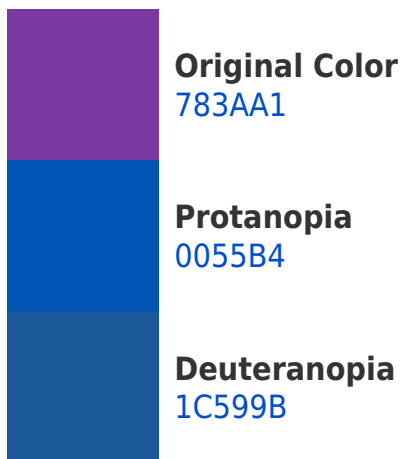


This preview shows how white text looks on a background with the Hex color 783AA1.

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](#).

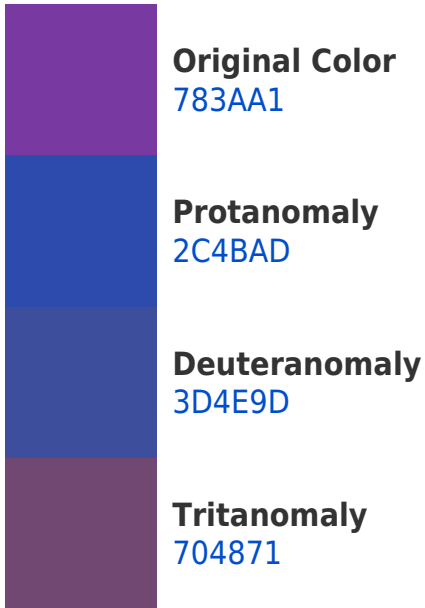
Dichromacy



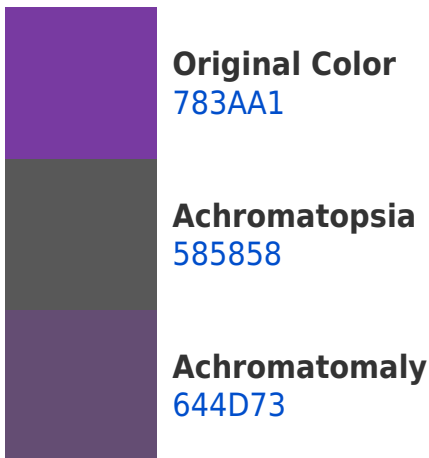


Tritanopia
6B5056

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 783AA1 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 #783AA1 looks like.

```
.text, #text, p{  
    color:#783AA1  
}
```

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 #783AA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #783AA1  
}
```

Border

The CSS property to change the border of an element to Hex 783AA1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

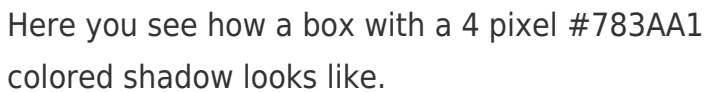
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#783AA1 }
```

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

```
.border{ border-color:#783AA1 }
```

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



Here you see how a box with a 4 pixel #783AA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #783AA1; -webkit-box-shadow:4px 4px  
4px 4px #783AA1; box-shadow:4px 4px 4px  
4px #783AA1 }
```

Background

The CSS property to change the background color of an element to Hex 783AA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#783AA1 }
```

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

```
.background{ background-color:#783AA1 }
```

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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