

Converting Colors

Hex(783C8A)

Have a look what the booklet for
Hex(783C8A) contains.

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Color

Hex(783C8A)

Conversions

Conversions Part 1

Format	Color
Hex	783C8A
RGB	120, 60, 138
RGB Percent	47%, 24%, 54%
CMY	0.5294, 0.7647, 0.4588
CMYK	0.13, 0.57, 0.00, 0.46
HSL	286°, 39%, 39%
HSV	286°, 57%, 54%
XYZ	13.9490, 9.0598, 25.0583
YIQ	86.8320, 10.7220, 36.9780

Conversions

Conversions Part 2

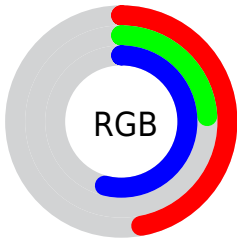
Format	Color
R_{YB}	120, 60, 138
Decimal	7879818
CIE _{Lab}	36.10, 39.17, -32.74
CIE _{LCh}	36, 51.051, 320.114
Yxy	9.0598, 0.2902, 0.1885
Android (android.graphics.Color)	4286069898 (0xFF783C8A)
YUV	86.8320, 25.2258, 29.0883
Hunter-Lab	30.0994, 30.0485, -28.2903

Details

The Hex color **783C8A** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4E8A3C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **AE6EC0**, and **450857** is the 20% darker color. If you saturate the color by 10%, you get **752E8A**, and if you desaturate by 10%, it is **7B4A8A**.

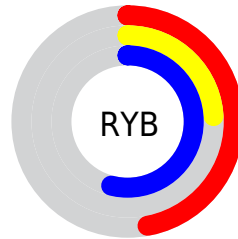
Distribution



Red (47%)

Green (24%)

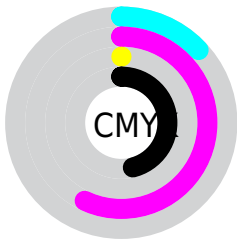
Blue (54%)



Red (47%)

Yellow (24%)

Blue (54%)

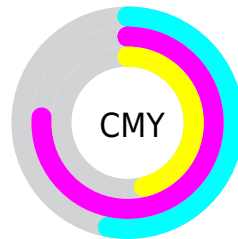


Cyan (13%)

Magenta (57%)

Yellow (0%)

Black (46%)



Cyan (53%)

Magenta (76%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 783C8A 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 783C8A by changing the saturation by 10% instead.

 783C8A

 783C8A

FFFFFF

 5E2370

 AE6EC0

 450857

 CA88DC

 2C0040

 E7A3F9

 140029

 FFBFFF

 000113

 FFDBFF

 000000

 FFF8FF

 783C8A

 783C8A

 752E8A

 7B4A8A

72208A

7E588A

6E138A

82658A

6B058A

85738A

6A008A

88818A

8B8F8A

8E9D8A

91AA8A

95B88A

Harmonies

Analogous

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



3350A2



783C8A



972964

Triad

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



783C8A



724E00



006770

Complementary

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



783C8A



4E8A3C

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.



006646



783C8A



4D5B00

Square

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



783C8A



8E3C15



10631B



006593

Rectangle

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



783C8A



9D2749



10631B



006762

Sweetspot

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



783C8A



AB94B3



3C4E8A



554759



D9D9D9



595959

Same Dimension

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



783C8A



9639B3



8A3C75



433E45



660085



040005

Inverse Universe

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



8A3C4E



B33955



3C8A51



453E40



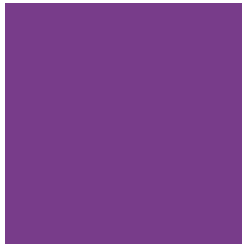
85001F



050001

Previews

White Background



This preview shows how the Hex color 783C8A looks on a white background.

Color Contrast Check

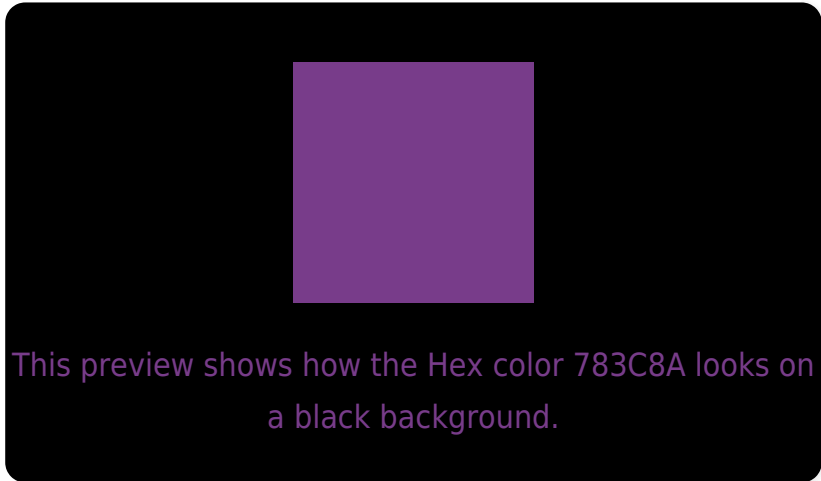
Large Text (above 18pt) WCAG AA ✓ Pass

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

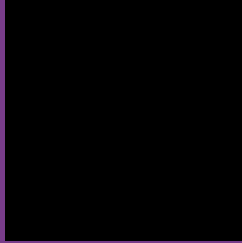
Any Text WCAG AA × Fail

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 783C8A Background



This preview shows how black text looks on a background with the Hex color 783C8A.

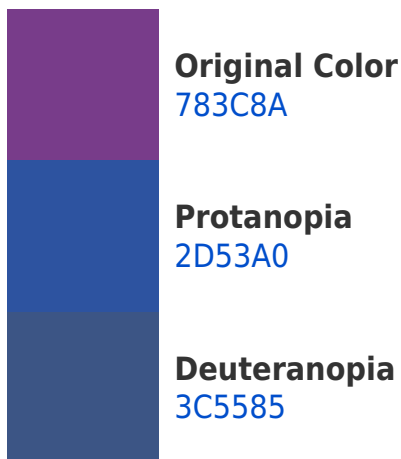


This preview shows how white text looks on a background with the Hex color 783C8A.

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](#).

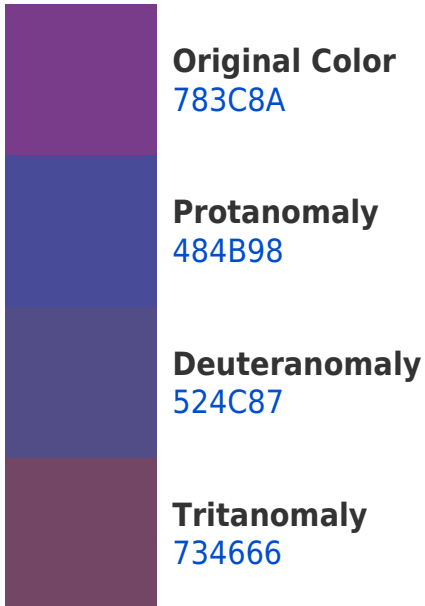
Dichromacy



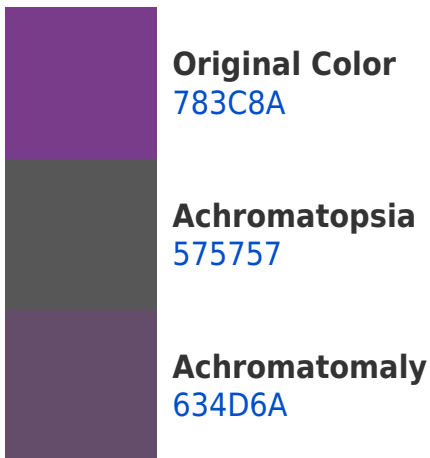


Tritanopia
704B51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 783C8A 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 #783C8A looks like.

```
.text, #text, p{  
    color:#783C8A  
}
```

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 #783C8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #783C8A
}
```

Border

The CSS property to change the border of an element to Hex 783C8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

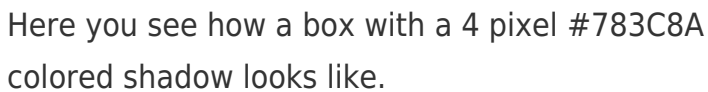
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#783C8A }
```

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

```
.border{ border-color:#783C8A }
```

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



Here you see how a box with a 4 pixel #783C8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #783C8A; -webkit-box-shadow:4px 4px  
4px 4px #783C8A; box-shadow:4px 4px 4px  
4px #783C8A }
```

Background

The CSS property to change the background color of an element to Hex 783C8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#783C8A }
```

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

```
.background{ background-color:#783C8A }
```

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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