

Converting Colors

Hex(783873)

Have a look what the booklet for
Hex(783873) contains.

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Color

Hex(783873)

Conversions

Conversions Part 1

Format	Color
Hex	783873
RGB	120, 56, 115
RGB Percent	47%, 22%, 45%
CMY	0.5294, 0.7804, 0.5490
CMYK	0.00, 0.53, 0.04, 0.53
HSL	305°, 36%, 35%
HSV	305°, 53%, 47%
XYZ	12.2544, 8.0592, 17.1294
YIQ	81.8620, 19.2050, 31.9170

Conversions

Conversions Part 2

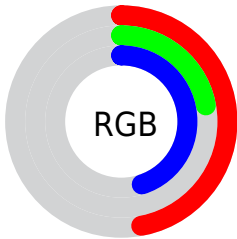
Format	Color
R_{YB}	120, 56, 115
Decimal	7878771
CIE _{Lab}	34.11, 36.62, -21.58
CIE _{LCh}	34, 42.504, 329.492
Yxy	8.0592, 0.3273, 0.2152
Android (android.graphics.Color)	4286068851 (0xFF783873)
YUV	81.8620, 16.3370, 33.4470
Hunter-Lab	28.3888, 27.3717, -15.9026

Details

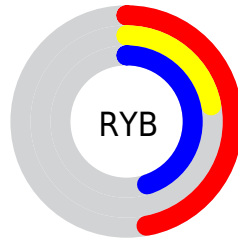
The Hex color **783873** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **38783D**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **AE6AA7**, and **450443** is the 20% darker color. If you saturate the color by 10%, you get **782C72**, and if you desaturate by 10%, it is **784474**.

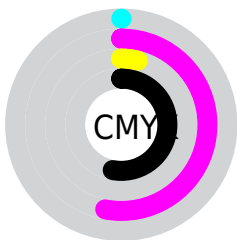
Distribution



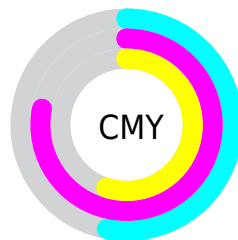
- Red (47%)
- Green (22%)
- Blue (45%)



- Red (47%)
- Yellow (22%)
- Blue (45%)



- Cyan (0%)
- Magenta (53%)
- Yellow (4%)
- Black (53%)



- Cyan (53%)
- Magenta (78%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 783873 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 783873 by changing the saturation by 10% instead.

 783873

 783873

FFFFFF

 5E1F5A

 AE6AA7

 450443

 CA84C2

 2E002C

 E79FDE

 0F0017

 FFBAFB

 000000

 FFD6FF

 FFF3FF

 783873

 783873

 782C72

 784474

782071

785075

781470

785C76

78086F

786877

78006F

787478

788079

788C7A

78987A

78A47B

Harmonies

Analogous

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



4E478B



783873



8B2E52

Triad

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



783873



614E00



006071

Complementary

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



783873



38783D

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.



00604F



783873



40580D

Square

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



783873



7B4114



005D2C



005C8A

Rectangle

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



783873



8C303C



005D2C



006066

Sweetspot

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



783873



9C839A



3C3878



4F404E



CFCFCF



4F4F4F

Same Dimension

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



783873



9C3894



783854



3D373D



7D0073



FC00E9

Inverse Universe

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



783873



9C3894



38785C



3D373D



7D0073



FC00E9

Previews

White Background



This preview shows how the Hex color 783873 looks on a white background.

Color Contrast Check

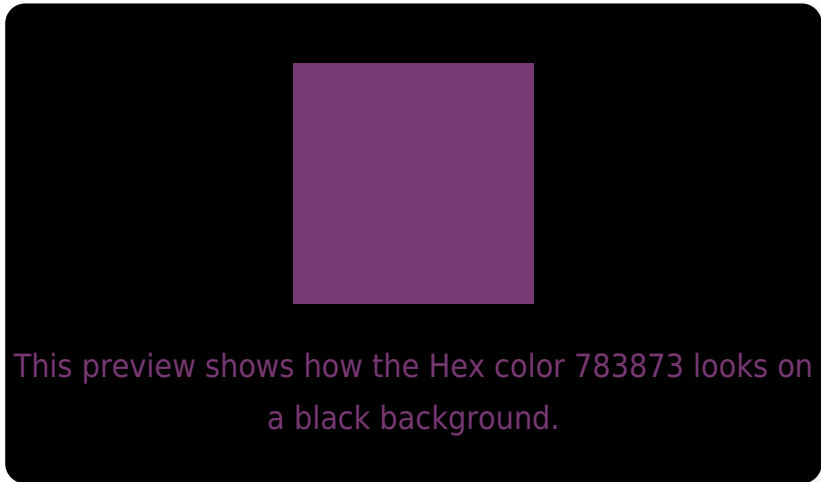
Large Text (above 18pt) WCAG AA ✓ Pass

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

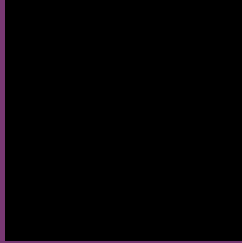
Any Text WCAG AA × Fail

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 783873 Background



This preview shows how black text looks on a background with the Hex color 783873.

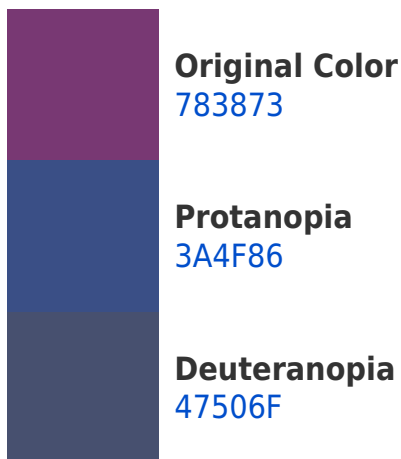



This preview shows how white text looks on a background with the Hex color 783873.

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
734348

Trichromacy



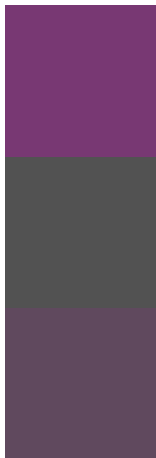
Original Color
783873

Protanomaly
51477F

Deuteranomaly
594770

Tritanomaly
753F58

Monochromacy



Original Color
783873

Achromatopsia
525252

Achromatomaly
60495E

CSS Examples

Text

The CSS property to change the color of the text to Hex 783873 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 #783873 looks like.

```
.text, #text, p{  
    color:#783873  
}
```

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 #783873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #783873
}
```

Border

The CSS property to change the border of an element to Hex 783873 is called "border". The border property can be set on classes, ids or directly on the HTML element.

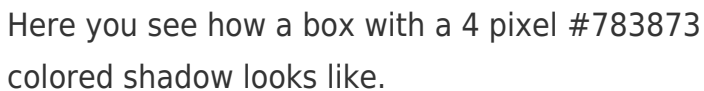
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#783873 }
```

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

```
.border{ border-color:#783873 }
```

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



Here you see how a box with a 4 pixel #783873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #783873; -webkit-box-shadow:4px 4px  
4px 4px #783873; box-shadow:4px 4px 4px  
4px #783873 }
```

Background

The CSS property to change the background color of an element to Hex 783873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#783873 }
```

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

```
.background{ background-color:#783873 }
```

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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