

Converting Colors

Hex(773A86)

Have a look what the booklet for
Hex(773A86) contains.

Hex(773A86)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(773A86)

Conversions

Conversions Part 1

Format	Color
Hex	773A86
RGB	119, 58, 134
RGB Percent	47%, 23%, 53%
CMY	0.5333, 0.7725, 0.4745
CMYK	0.11, 0.57, 0.00, 0.47
HSL	288°, 40%, 38%
HSV	288°, 57%, 53%
XYZ	13.4239, 8.6693, 23.5201
YIQ	84.9030, 11.9600, 36.5680

Conversions

Conversions Part 2

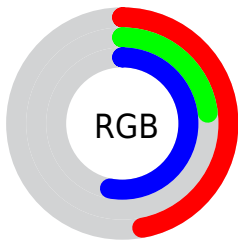
Format	Color
R_{YB}	119, 58, 134
Decimal	7813766
CIE _{Lab}	35.34, 39.09, -31.49
CIE _{LCh}	35, 50.197, 321.153
Yxy	8.6693, 0.2943, 0.1901
Android (android.graphics.Color)	4286003846 (0xFF773A86)
YUV	84.9030, 24.2048, 29.9031
Hunter-Lab	29.4436, 29.8550, -26.7513

Details

The Hex color **773A86** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **49863A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **AD6CBC**, and **440554** is the 20% darker color. If you saturate the color by 10%, you get **742D86**, and if you desaturate by 10%, it is **7A4786**.

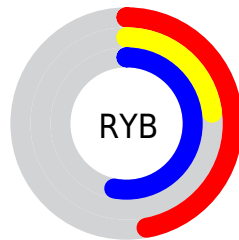
Distribution



Red (47%)

Green (23%)

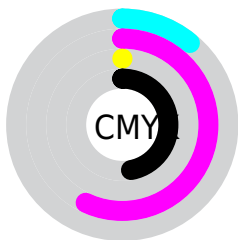
Blue (53%)



Red (47%)

Yellow (23%)

Blue (53%)

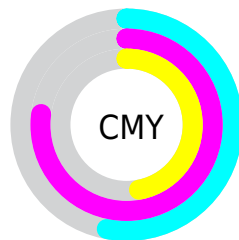


Cyan (11%)

Magenta (57%)

Yellow (0%)

Black (47%)



Cyan (53%)

Magenta (77%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 773A86 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 773A86 by changing the saturation by 10% instead.

■ 773A86

■ 773A86

FFFFFF

■ 5D216C

■ AD6CBC

■ 440554

■ C986D8

■ 2C003C

■ E6A1F4

■ 120026

■ FFBDFE

■ 00010F

■ FFD9FF

■ 000000

■ FFF5FF

■ 773A86

■ 773A86

■ 742D86

■ 7A4786

 721F86

 7C5586

 6F1286

 7F6286

 6C0486

 827086

 6C0086

 847D86

 878A86

 8A9886

 8CA586

 8FB386

Harmonies

Analogous

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



364E9F



773A86



942861

Triad

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



773A86



6F4D00



00656F

Complementary

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



773A86



49863A

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.



006445



773A86



4A5A00

Square

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



773A86



8B3B13



0A611C



006391

Rectangle

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



773A86



9A2646



0A611C



006561

Sweetspot

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



773A86



A890AD



3A4986



534557



D6D6D6



575757

Same Dimension

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



773A86



9637AD



863A6F



413C42



680082



020003

Inverse Universe

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



863A49



AD374F



3A8651



423C3D



82001A



030001

Previews

White Background



This preview shows how the Hex color 773A86 looks on a white background.

Color Contrast Check

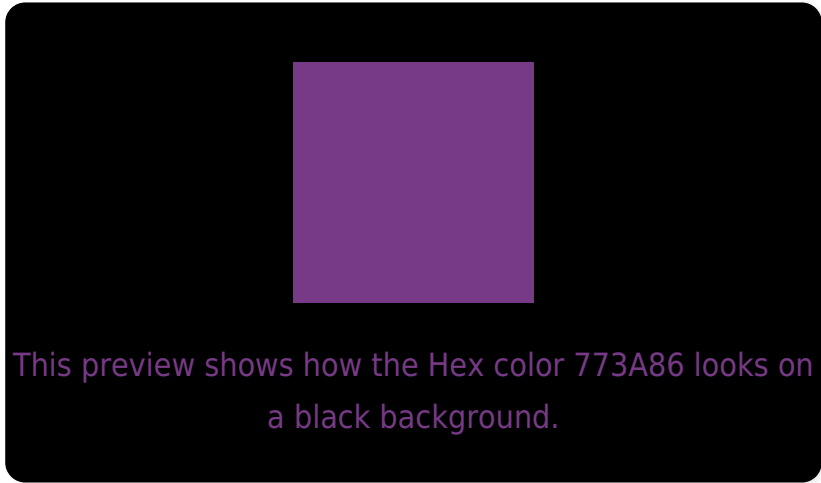
Large Text (above 18pt) WCAG AA ✓ Pass

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

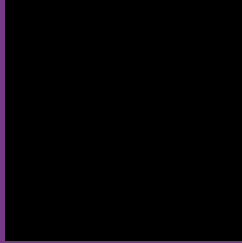
Any Text WCAG AA × Fail

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 773A86 Background



This preview shows how black text looks on a background with the Hex color 773A86.

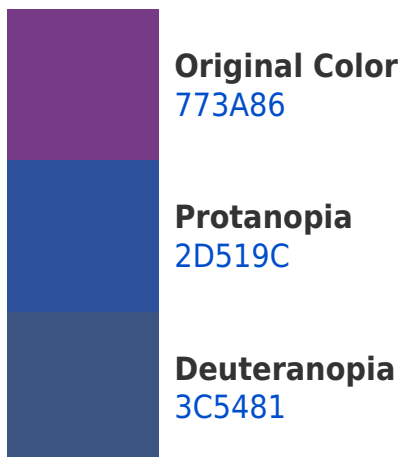



This preview shows how white text looks on a background with the Hex color 773A86.

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
6F494E

Trichromacy



Original Color

773A86



Protanomaly

484994



Deuteranomaly

514B83



Tritanomaly

724462

Monochromacy



Original Color

773A86



Achromatopsia

555555



Achromatomaly

614B67

CSS Examples

Text

The CSS property to change the color of the text to Hex 773A86 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 #773A86 looks like.

```
.text, #text, p{  
    color:#773A86  
}
```

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 #773A86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #773A86
}
```

Border

The CSS property to change the border of an element to Hex 773A86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

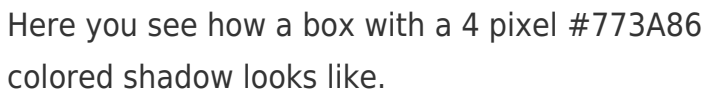
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#773A86 }
```

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

```
.border{ border-color:#773A86 }
```

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



Here you see how a box with a 4 pixel #773A86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #773A86; -webkit-box-shadow:4px 4px  
4px 4px #773A86; box-shadow:4px 4px 4px  
4px #773A86 }
```

Background

The CSS property to change the background color of an element to Hex 773A86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#773A86 }
```

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

```
.background{ background-color:#773A86 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor