

Converting Colors

Hex(703F83)

Have a look what the booklet for
Hex(703F83) contains.

Hex(703F83)	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(703F83)

Conversions

Conversions Part 1

Format	Color
Hex	703F83
RGB	112, 63, 131
RGB Percent	44%, 25%, 51%
CMY	0.5608, 0.7529, 0.4863
CMYK	0.15, 0.52, 0.00, 0.49
HSL	283°, 35%, 38%
HSV	283°, 52%, 51%
XYZ	12.5563, 8.6385, 22.4783
YIQ	85.4030, 7.3760, 31.5360

Conversions

Conversions Part 2

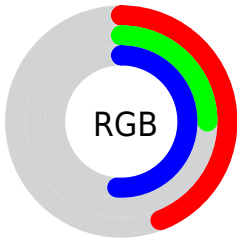
Format	Color
R_{YB}	112, 63, 131
Decimal	7356291
CIE _{Lab}	35.28, 33.62, -29.79
CIE _{LCh}	35, 44.922, 318.456
Yxy	8.6385, 0.2875, 0.1978
Android (android.graphics.Color)	4285546371 (0xFF703F83)
YUV	85.4030, 22.4793, 23.3256
Hunter-Lab	29.3912, 24.8229, -24.7709

Details

The Hex color **703F83** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **52833F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **A570B8**, and **3E0F51** is the 20% darker color. If you saturate the color by 10%, you get **6C3283**, and if you desaturate by 10%, it is **744C83**.

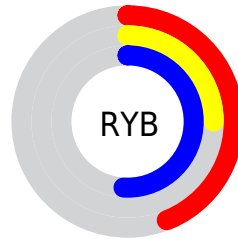
Distribution



Red (44%)

Green (25%)

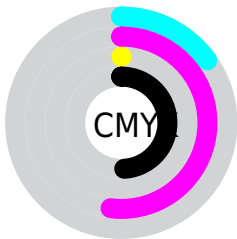
Blue (51%)



Red (44%)

Yellow (25%)

Blue (51%)

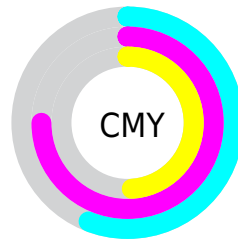


Cyan (15%)

Magenta (52%)

Yellow (0%)

Black (49%)



Cyan (56%)

Magenta (75%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 703F83 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 703F83 by changing the saturation by 10% instead.

703F83

703F83

FFFFFF

56276A

A570B8

3E0F51

C18AD4

26003A

DDA5F1

080024

FAC1FF

00000B

FFDDFF

000000

FFFAFF

703F83

703F83

6C3283

744C83

692583

775983

651883

7B6683

610B83

7F7383

5E0083

828183

868E83

8A9B83

8DA883

91B583

Harmonies

Analogous

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



354F97



703F83



8C3062

Triad

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



703F83



704C00



006469

Complementary

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



703F83



52833F

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.



006343



703F83



4F5800

Square

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



703F83



883D1E



225F20



006188

Rectangle

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



703F83



932E4A



225F20



00645C

Sweetspot

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



703F83



A390AB



3F5283



524657



D6D6D6



575757

Same Dimension

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



703F83



8D41AB



833F74



403C42



5E0082



020003

Inverse Universe

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



833F52



AB415F



3F834E



423C3E



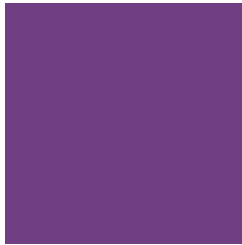
820024



030001

Previews

White Background



This preview shows how the Hex color 703F83 looks on a white background.

Color Contrast Check

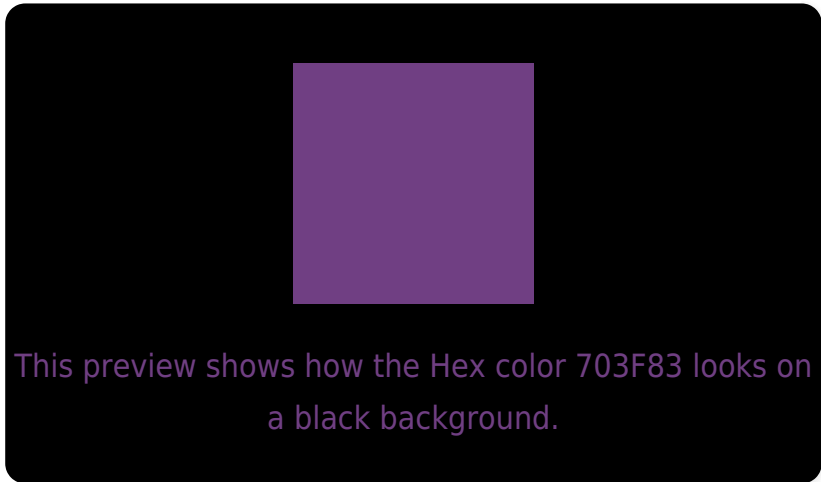
Large Text (above 18pt) WCAG AA ✓ Pass

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

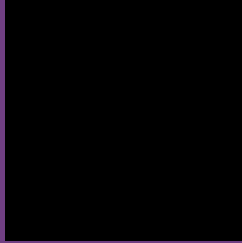
Any Text WCAG AA × Fail

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 703F83 Background



This preview shows how black text looks on a background with the Hex color 703F83.



This preview shows how white text looks on a background with the Hex color 703F83.

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
694B51

Trichromacy



Original Color
703F83

Protanomaly
4A4A8E

Deuteranomaly
504C80

Tritanomaly
6C4763

Monochromacy



Original Color
703F83

Achromatopsia
555555

Achromatomaly
5F4D66

CSS Examples

Text

The CSS property to change the color of the text to Hex 703F83 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 #703F83 looks like.

```
.text, #text, p{  
    color:#703F83  
}
```

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 #703F83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #703F83
}
```

Border

The CSS property to change the border of an element to Hex 703F83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

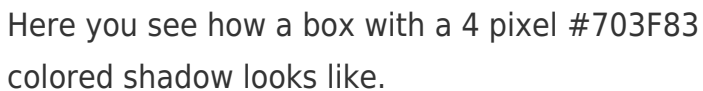
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#703F83 }
```

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

```
.border{ border-color:#703F83 }
```

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



Here you see how a box with a 4 pixel #703F83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #703F83; -webkit-box-shadow:4px 4px  
4px 4px #703F83; box-shadow:4px 4px 4px  
4px #703F83 }
```

Background

The CSS property to change the background color of an element to Hex 703F83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#703F83 }
```

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

```
.background{ background-color:#703F83 }
```

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