

Converting Colors

Hex(701083)

Have a look what the booklet for
Hex(701083) contains.

Hex(701083)	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(701083)

Conversions

Conversions Part 1

Format	Color
Hex	701083
RGB	112, 16, 131
RGB Percent	44%, 6%, 51%
CMY	0.5608, 0.9373, 0.4863
CMYK	0.15, 0.88, 0.00, 0.49
HSL	290°, 78%, 29%
HSV	290°, 88%, 51%
XYZ	10.9641, 5.4540, 21.9476
YIQ	57.8140, 20.3010, 56.1170

Conversions

Conversions Part 2

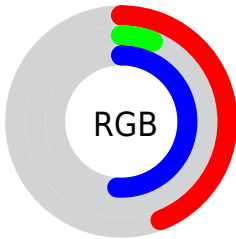
Format	Color
R_{YB}	112, 16, 131
Decimal	7344259
CIE Lab	27.99, 53.78, -41.42
CIE LCh	28, 67.882, 322.398
Yxy	5.4540, 0.2858, 0.1422
Android (android.graphics.Color)	4285534339 (0xFF701083)
YUV	57.8140, 36.0807, 47.5211
Hunter-Lab	23.3538, 42.9326, -39.3721

Details

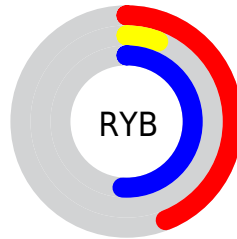
The Hex color **701083** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **238310**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A74BB9**, and **3B0051** is the 20% darker color. If you saturate the color by 10%, you get **6E0383**, and if you desaturate by 10%, it is **721D83**.

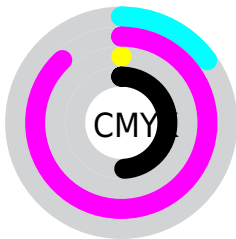
Distribution



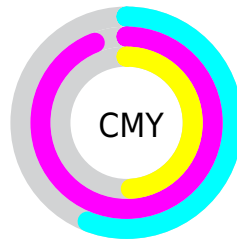
- Red (44%)
- Green (6%)
- Blue (51%)



- Red (44%)
- Yellow (6%)
- Blue (51%)



- Cyan (15%)
- Magenta (88%)
- Yellow (0%)
- Black (49%)



- Cyan (56%)
- Magenta (94%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 701083 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 701083 by changing the saturation by 10% instead.

701083

701083

FFFFFF

550069

A74BB9

3B0051

C466D5

240039

E181F1

000122

FE9CFF

000008

FFB8FF

000000

FFD5FF

FFF2FF

701083

701083

■ 6E0383

■ 721D83

■ 6D0083

■ 742A83

■ 763783

■ 794483

■ 7B5283

■ 7D5F83

■ 7F6C83

■ 817983

■ 838683

Harmonies

Analogous

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



003BA5



701083



930052

Triad

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



701083



5D3C00



005669

Complementary

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



701083



238310

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.



005533



701083



2B4B00

Square

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



701083



811C00



005200



005596

Rectangle

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



701083



980030



005200



005657

Sweetspot

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



701083



A47EAB



102383



523C57



D6D6D6



575757

Same Dimension

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



701083



8F00AB



83105D



413C42



6D0082



020003

Inverse Universe

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



831023



AB001C



108336



423C3D



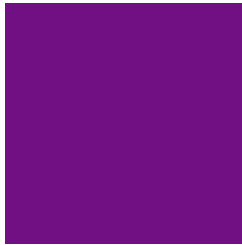
820015



030000

Previews

White Background



This preview shows how the Hex color 701083 looks on a white background.

Color Contrast Check

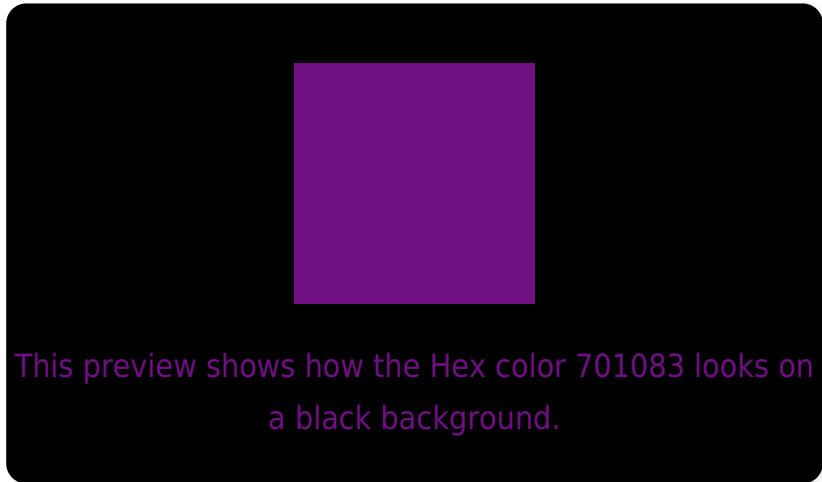
Large Text (above 18pt) WCAG AA ✓ Pass

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

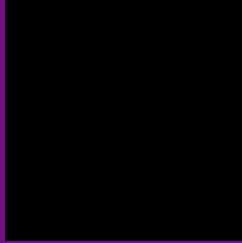
Any Text WCAG AA × Fail

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 701083 Background



This preview shows how black text looks on a background with the Hex color 701083.



This preview shows how white text looks on a background with the Hex color 701083.

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



Original Color
701083

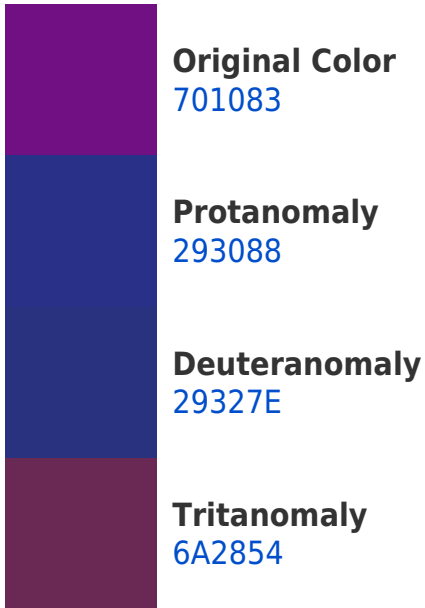
Protanopia
00428B

Deuteranopia
00457B

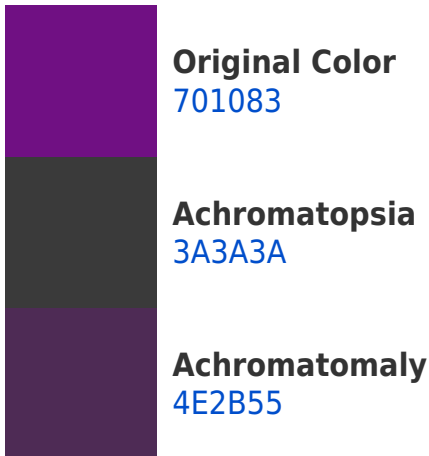


Tritanopia
663539

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 701083 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 #701083 looks like.

```
.text, #text, p{  
    color:#701083  
}
```

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 #701083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #701083
}
```

Border

The CSS property to change the border of an element to Hex 701083 is called "border". The border property can be set on classes, ids or directly on the HTML element.

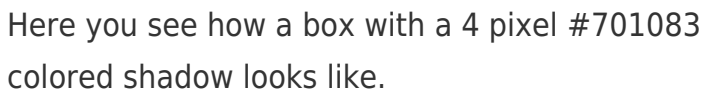
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#701083 }
```

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

```
.border{ border-color:#701083 }
```

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



Here you see how a box with a 4 pixel #701083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #701083; -webkit-box-shadow:4px 4px  
4px 4px #701083; box-shadow:4px 4px 4px  
4px #701083 }
```

Background

The CSS property to change the background color of an element to Hex 701083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#701083 }
```

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

```
.background{ background-color:#701083 }
```

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