

Converting Colors

Hex(721C83)

Have a look what the booklet for
Hex(721C83) contains.

Hex(721C83)	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(721C83)

Conversions

Conversions Part 1

Format	Color
Hex	721C83
RGB	114, 28, 131
RGB Percent	45%, 11%, 51%
CMY	0.5529, 0.8902, 0.4863
CMYK	0.13, 0.79, 0.00, 0.49
HSL	290°, 65%, 31%
HSV	290°, 79%, 51%
XYZ	11.4514, 6.0466, 22.0363
YIQ	65.4560, 18.1930, 50.2650

Conversions

Conversions Part 2

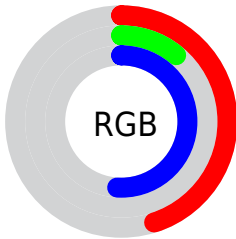
Format	Color
RYB	114, 28, 131
Decimal	7478403
CIELab	29.53, 50.70, -38.92
CIElCh	30, 63.920, 322.486
Yxy	6.0466, 0.2897, 0.1529
Android (android.graphics.Color)	4285668483 (0xFF721C83)
YUV	65.4560, 32.3132, 42.5731
Hunter-Lab	24.5899, 40.0947, -35.9200

Details

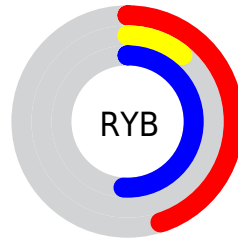
The Hex color **721C83** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2D831C**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **A953B9**, and **3D0051** is the 20% darker color. If you saturate the color by 10%, you get **700F83**, and if you desaturate by 10%, it is **742983**.

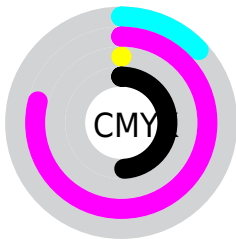
Distribution



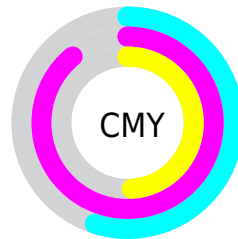
- Red (45%)
- Green (11%)
- Blue (51%)



- Red (45%)
- Yellow (11%)
- Blue (51%)



- Cyan (13%)
- Magenta (79%)
- Yellow (0%)
- Black (49%)



- Cyan (55%)
- Magenta (89%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 721C83 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 721C83 by changing the saturation by 10% instead.

 721C83

 721C83

FFFFFF

 570069

 A953B9

 3D0051

 C56DD5

 280039

 E288F1

 000023

 FFA3FF

 000009

 FFBFFF

 000000

 FFDCCF

 FFF9FF

 721C83

 721C83

700F83

742983

6E0283

763683

6D0083

784383

7B5083

7D5E83

7F6B83

817883

838583

859283

Harmonies

Analogous

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



003EA3



721C83



930054

Triad

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



721C83



603F00



00596B

Complementary

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



721C83



2D831C

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.



005837



721C83



324E00

Square

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



721C83



832400



005500



005895

Rectangle

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



721C83



980034



005500



00595A

Sweetspot

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



721C83



A482AB



1C2D83



533E57



D6D6D6



575757

Same Dimension

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



721C83



900AAB



831C61



413C42



6D0082



020003

Inverse Universe

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



831C2D



AB0A25



1C833E



423C3D



820015



030000

Previews

White Background



This preview shows how the Hex color 721C83 looks on a white background.

Color Contrast Check

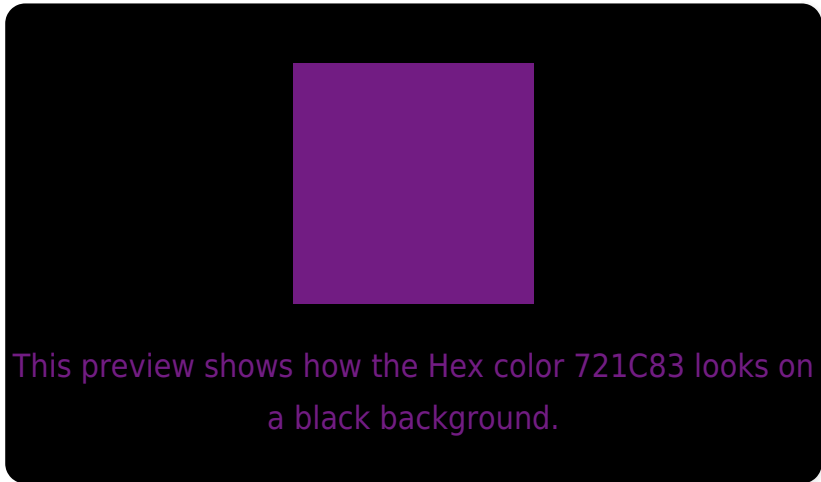
Large Text (above 18pt) WCAG AA ✓ Pass

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

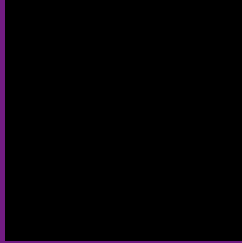
Any Text WCAG AA × Fail

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 721C83 Background



This preview shows how black text looks on a background with the Hex color 721C83.

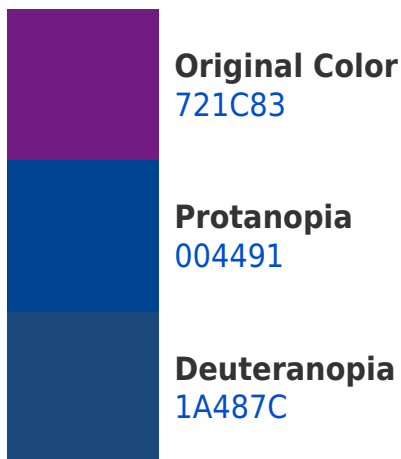



This preview shows how white text looks on a background with the Hex color 721C83.

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](#).

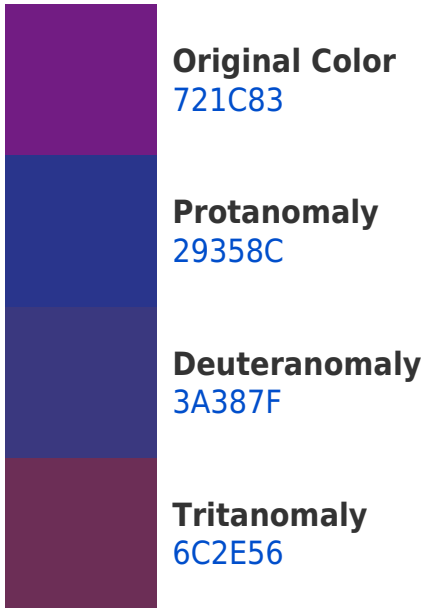
Dichromacy



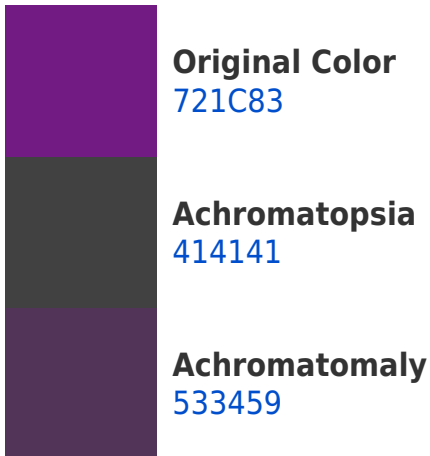


Tritanopia
69383C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 721C83 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 #721C83 looks like.

```
.text, #text, p{  
    color:#721C83  
}
```

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 #721C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #721C83
}
```

Border

The CSS property to change the border of an element to Hex 721C83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

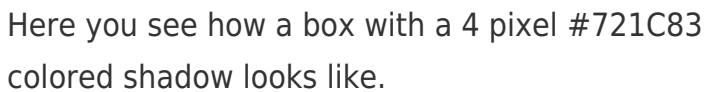
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#721C83 }
```

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

```
.border{ border-color:#721C83 }
```

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



Here you see how a box with a 4 pixel #721C83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #721C83; -webkit-box-shadow:4px 4px  
4px 4px #721C83; box-shadow:4px 4px 4px  
4px #721C83 }
```

Background

The CSS property to change the background color of an element to Hex 721C83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#721C83 }
```

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

```
.background{ background-color:#721C83 }
```

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