

Converting Colors

Hex(70417C)

Have a look what the booklet for
Hex(70417C) contains.

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Color

Hex(70417C)

Conversions

Conversions Part 1

Format	Color
Hex	70417C
RGB	112, 65, 124
RGB Percent	44%, 25%, 49%
CMY	0.5608, 0.7451, 0.5137
CMYK	0.10, 0.48, 0.00, 0.51
HSL	288°, 31%, 37%
HSV	288°, 48%, 49%
XYZ	12.2105, 8.6806, 20.1007
YIQ	85.7790, 9.0730, 28.3130

Conversions

Conversions Part 2

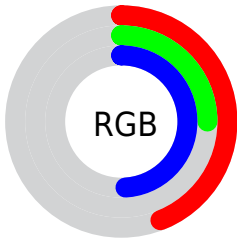
Format	Color
R_{YB}	112, 65, 124
Decimal	7356796
CIE _{Lab}	35.36, 30.90, -25.33
CIE _{LCh}	35, 39.955, 320.666
Yxy	8.6806, 0.2979, 0.2118
Android (android.graphics.Color)	4285546876 (0xFF70417C)
YUV	85.7790, 18.8430, 22.9958
Hunter-Lab	29.4628, 22.4171, -19.8261

Details

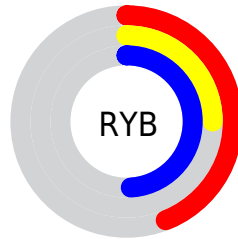
The Hex color **70417C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4D7C41**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **A572B1**, and **3E124B** is the 20% darker color. If you saturate the color by 10%, you get **6D357C**, and if you desaturate by 10%, it is **734D7C**.

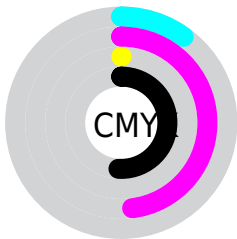
Distribution



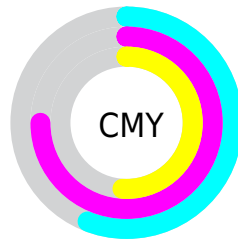
- Red (44%)
- Green (25%)
- Blue (49%)



- Red (44%)
- Yellow (25%)
- Blue (49%)



- Cyan (10%)
- Magenta (48%)
- Yellow (0%)
- Black (51%)



- Cyan (56%)
- Magenta (75%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70417C 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 70417C by changing the saturation by 10% instead.



70417C



70417C

FFFFFF



572A63



A572B1



3E124B



C18CCC



270034



DDA7E9



08001E



FAC2FF



000000



FFDFFF



FFFBFF



70417C



70417C



6D357C



734D7C

6B287C

755A7C

681C7C

78667C

660F7C

7A737C

63037C

7D7F7C

63007C

7F8B7C

82987C

84A47C

87B17C

Harmonies

Analogous

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



414F8F



70417C



88365F

Triad

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



70417C



6C4E0E



006269

Complementary

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



70417C



4D7C41

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.



006248



70417C



4E5810

Square

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



70417C



824122



265F28



006084

Rectangle

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



70417C



8D3549



265F28



00625E

Sweetspot

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



70417C



9C8AA1



414E7C



4F4452



D1D1D1



525252

Same Dimension

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



70417C



8E45A1



7C416B



3C373D



64007D



C900FC

Inverse Universe

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



7C414D



A14558



417C52



3D3738



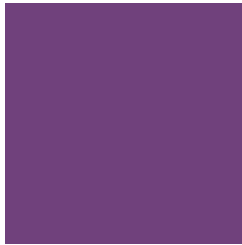
7D0019



FC0033

Previews

White Background



This preview shows how the Hex color 70417C looks on a white background.

Color Contrast Check

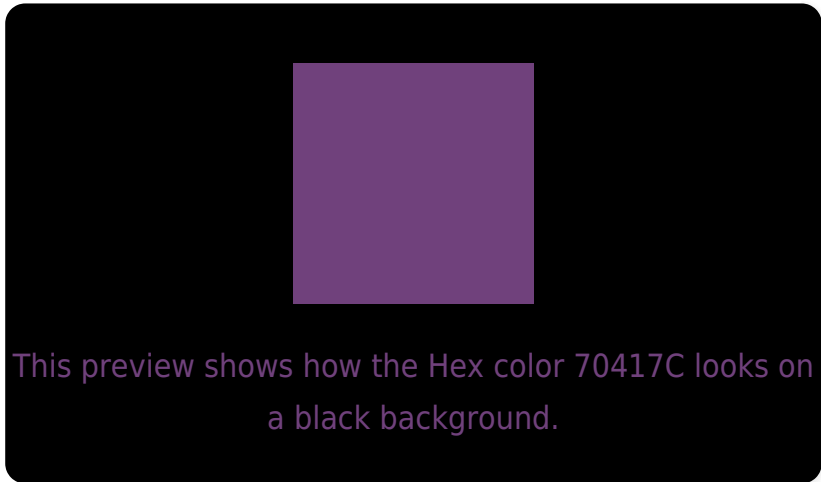
Large Text (above 18pt) WCAG AA ✓ Pass

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

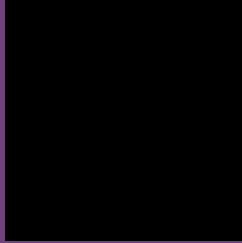
Any Text WCAG AA × Fail

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 70417C Background



This preview shows how black text looks on a background with the Hex color 70417C.

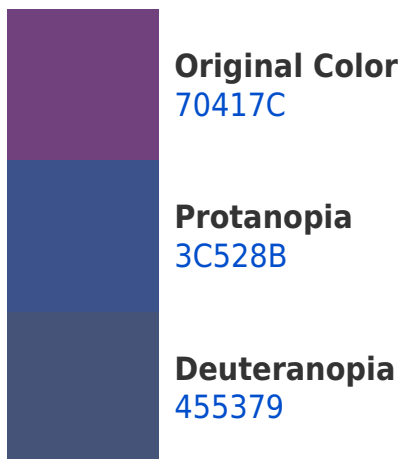


This preview shows how white text looks on a background with the Hex color 70417C.

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
6A4B51

Trichromacy



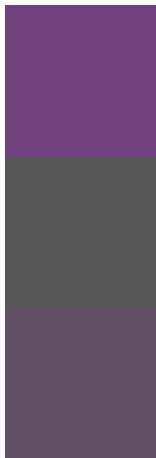
Original Color
70417C

Protanomaly
4F4C86

Deuteranomaly
554C7A

Tritanomaly
6C4761

Monochromacy



Original Color
70417C

Achromatopsia
565656

Achromatomaly
5F4E64

CSS Examples

Text

The CSS property to change the color of the text to Hex 70417C 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 #70417C looks like.

```
.text, #text, p{  
    color:#70417C  
}
```

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 #70417C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70417C
}
```

Border

The CSS property to change the border of an element to Hex 70417C is called "border". The border property can be set on classes, ids or directly on the HTML element.

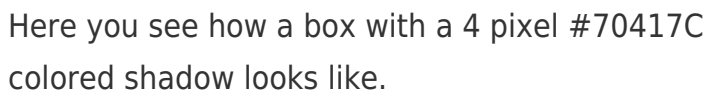
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70417C }
```

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

```
.border{ border-color:#70417C }
```

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



Here you see how a box with a 4 pixel #70417C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70417C; -webkit-box-shadow:4px 4px  
4px 4px #70417C; box-shadow:4px 4px 4px  
4px #70417C }
```

Background

The CSS property to change the background color of an element to Hex 70417C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70417C }
```

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

```
.background{ background-color:#70417C }
```

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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