

Converting Colors

Hex(70477B)

Have a look what the booklet for
Hex(70477B) contains.

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Color

Hex(70477B)

Conversions

Conversions Part 1

Format	Color
Hex	70477B
RGB	112, 71, 123
RGB Percent	44%, 28%, 48%
CMY	0.5608, 0.7216, 0.5176
CMYK	0.09, 0.42, 0.00, 0.52
HSL	287°, 27%, 38%
HSV	287°, 42%, 48%
XYZ	12.5105, 9.3813, 19.8903
YIQ	89.1870, 7.7440, 24.8640

Conversions

Conversions Part 2

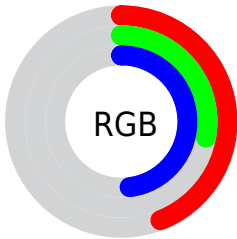
Format	Color
R_{YB}	112, 71, 123
Decimal	7358331
CIE _{Lab}	36.71, 27.15, -22.60
CIE _{LCh}	37, 35.328, 320.219
Yxy	9.3813, 0.2994, 0.2245
Android (android.graphics.Color)	4285548411 (0xFF70477B)
YUV	89.1870, 16.6698, 20.0070
Hunter-Lab	30.6289, 19.3085, -17.0625

Details

The Hex color **70477B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **527B47**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A578B0**, and **3F194A** is the 20% darker color. If you saturate the color by 10%, you get **6D3B7B**, and if you desaturate by 10%, it is **73537B**.

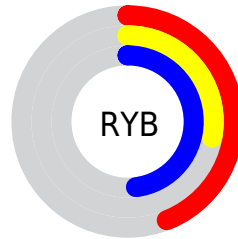
Distribution



Red (44%)

Green (28%)

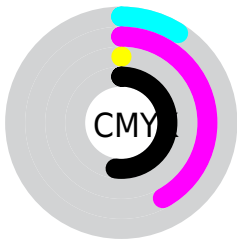
Blue (48%)



Red (44%)

Yellow (28%)

Blue (48%)

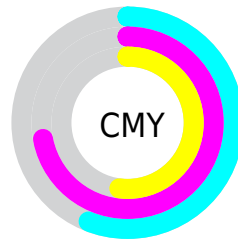


Cyan (9%)

Magenta (42%)

Yellow (0%)

Black (52%)



Cyan (56%)

Magenta (72%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70477B 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 70477B by changing the saturation by 10% instead.

 70477B

 70477B

FFFFFF

 573062

 A578B0

 3F194A

 C092CB

 280333

 DCADE7

 0E001E

 F9C9FF

 000000

 FFE5FF

 70477B

 70477B

 6D3B7B

 73537B

 6B2E7B

 75607B

68227B

786C7B

66167B

7A787B

63097B

7D847B

61007B

80917B

829D7B

85A97B

87B67B

Harmonies

Analogous

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



48538C



70477B



863E61

Triad

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



70477B



6E521C



006469

Complementary

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



70477B



527B47

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.



00644C



70477B



535B1E

Square

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



70477B



82472C



326130



006281

Rectangle

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



70477B



8B3D4E



326130



006460

Sweetspot

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



70477B



9C8CA1



47527B



4F4552



D1D1D1



525252

Same Dimension

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



70477B



8F4FA1



7B476C



3C373D



63007D



C700FC

Inverse Universe

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



7B4752



A14F60



477B56



3D3738



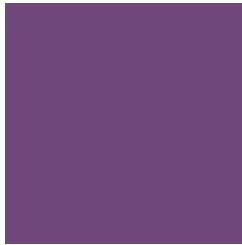
7D001A



FC0035

Previews

White Background



This preview shows how the Hex color 70477B looks on a white background.

Color Contrast Check

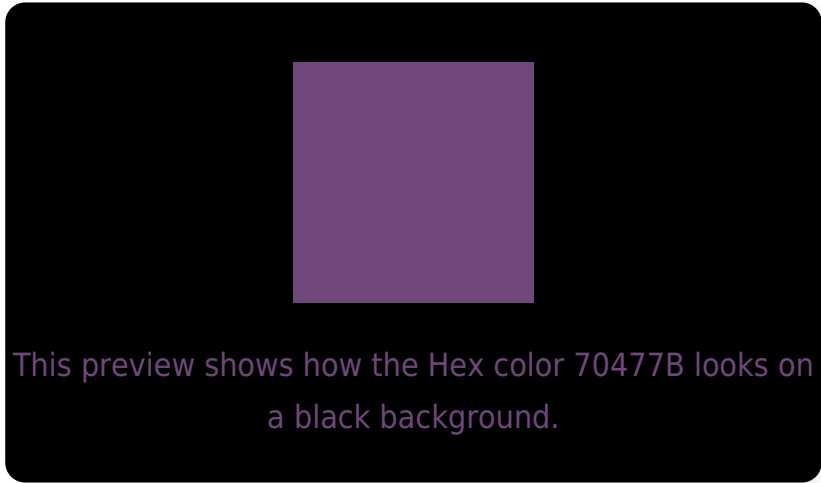
Large Text (above 18pt) WCAG AA ✓ Pass

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

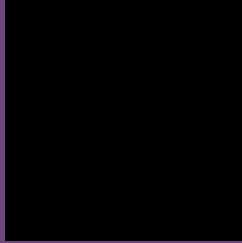
Any Text WCAG AA × Fail

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 70477B Background



This preview shows how black text looks on a background with the Hex color 70477B.



This preview shows how white text looks on a background with the Hex color 70477B.

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
6B4F55

Trichromacy



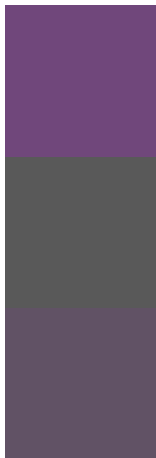
Original Color
70477B

Protanomaly
555083

Deuteranomaly
595179

Tritanomaly
6D4C63

Monochromacy



Original Color
70477B

Achromatopsia
595959

Achromatomaly
615265

CSS Examples

Text

The CSS property to change the color of the text to Hex 70477B 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 #70477B looks like.

```
.text, #text, p{  
    color:#70477B  
}
```

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 #70477B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70477B
}
```

Border

The CSS property to change the border of an element to Hex 70477B is called "border". The border property can be set on classes, ids or directly on the HTML element.

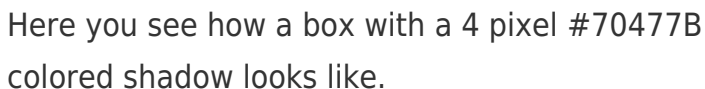
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70477B }
```

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

```
.border{ border-color:#70477B }
```

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



Here you see how a box with a 4 pixel #70477B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70477B; -webkit-box-shadow:4px 4px  
4px 4px #70477B; box-shadow:4px 4px 4px  
4px #70477B }
```

Background

The CSS property to change the background color of an element to Hex 70477B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70477B }
```

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

```
.background{ background-color:#70477B }
```

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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