

Converting Colors

Hex(77477D)

Have a look what the booklet for
Hex(77477D) contains.

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Color

Hex(77477D)

Conversions

Conversions Part 1

Format	Color
Hex	77477D
RGB	119, 71, 125
RGB Percent	47%, 28%, 49%
CMY	0.5333, 0.7216, 0.5098
CMYK	0.05, 0.43, 0.00, 0.51
HSL	293°, 28%, 38%
HSV	293°, 43%, 49%
XYZ	13.5627, 9.9091, 20.5999
YIQ	91.5080, 11.2740, 26.9700

Conversions

Conversions Part 2

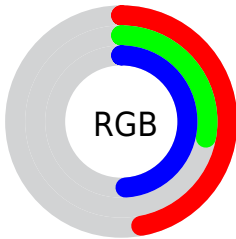
Format	Color
R _Y B	119, 71, 125
Decimal	7817085
CIE Lab	37.68, 29.91, -22.27
CIE LCh	38, 37.284, 323.332
Yxy	9.9091, 0.3077, 0.2248
Android (android.graphics.Color)	4286007165 (0xFF77477D)
YUV	91.5080, 16.5116, 24.1105
Hunter-Lab	31.4787, 21.8194, -16.7646

Details

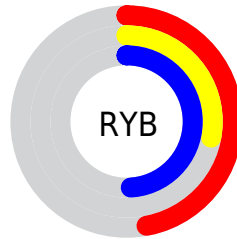
The Hex color **77477D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4D7D47**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **AC79B2**, and **45184C** is the 20% darker color. If you saturate the color by 10%, you get **763B7D**, and if you desaturate by 10%, it is **78547D**.

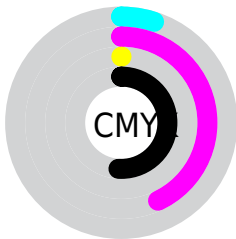
Distribution



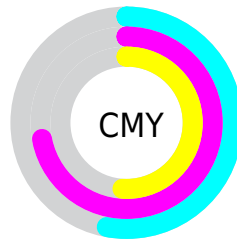
- Red (47%)
- Green (28%)
- Blue (49%)



- Red (47%)
- Yellow (28%)
- Blue (49%)



- Cyan (5%)
- Magenta (43%)
- Yellow (0%)
- Black (51%)



- Cyan (53%)
- Magenta (72%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77477D 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 77477D by changing the saturation by 10% instead.

■ 77477D

■ 77477D

FFFFFF

■ 5E2F64

■ AC79B2

■ 45184C

■ C893CD

■ 2D0135

■ E4AEEA

■ 180020

■ FFC9FF

■ 000002

■ FFE6FF

■ 000000

■ 77477D

■ 77477D

■ 763B7D

■ 78547D

■ 742E7D

■ 7A607D

73227D

7B6D7D

71157D

7D797D

70097D

7E867D

6F007D

7F927D

819F7D

82AB7D

84B87D

Harmonies

Analogous

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



4E5390



77477D



8C3E61

Triad

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



77477D



6F5519



006770

Complementary

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



77477D



4D7D47

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.



006751



77477D



525E1D

Square

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



77477D



854929



2C6433



006588

Rectangle

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



77477D



903E4C



2C6433



006766

Sweetspot

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



77477D



A18EA3



474D7D



504552



D1D1D1



525252

Same Dimension

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



77477D



9A4EA3



7D4768



3F3940



710080



000000

Inverse Universe

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



7D474D



A34E58



477D5C



40393A



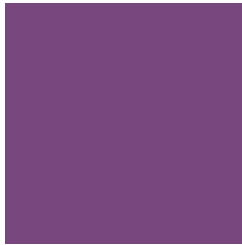
80000E



000000

Previews

White Background



This preview shows how the Hex color 77477D looks on a white background.

Color Contrast Check

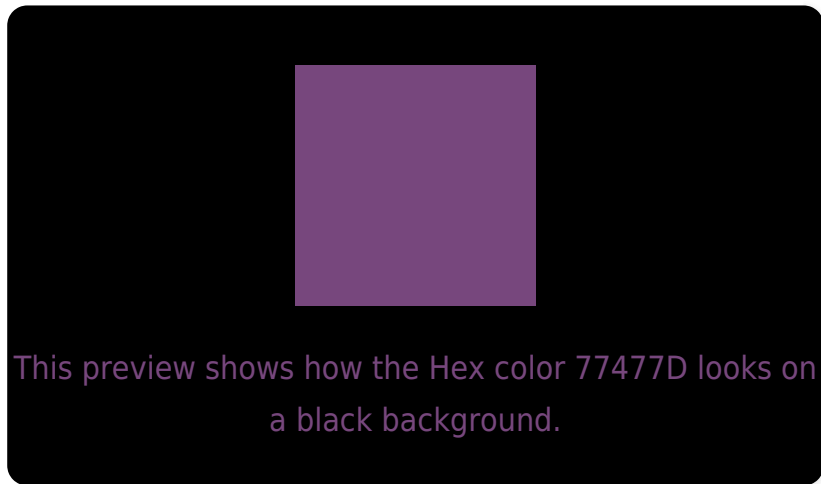
Large Text (above 18pt) WCAG AA ✓ Pass

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

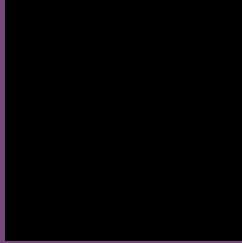
Any Text WCAG AA × Fail

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 77477D Background



This preview shows how black text looks on a background with the Hex color 77477D.



This preview shows how white text looks on a background with the Hex color 77477D.

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
77477D

Protanopia
46578B

Deuteranopia
4F587A



Tritanopia
725056

Trichromacy



Original Color
77477D

Protanomaly
585186

Deuteranomaly
5E527B

Tritanomaly
744D64

Monochromacy



Original Color
77477D

Achromatopsia
5C5C5C

Achromatomaly
665468

CSS Examples

Text

The CSS property to change the color of the text to Hex 77477D 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 #77477D looks like.

```
.text, #text, p{  
    color:#77477D  
}
```

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 #77477D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77477D
}
```

Border

The CSS property to change the border of an element to Hex 77477D 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".

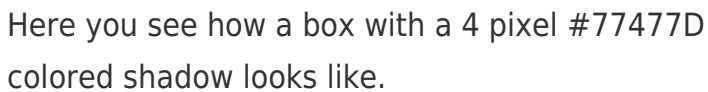
```
.border, #border, table{ border:4px solid
#77477D }
```

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

```
.border{ border-color:#77477D }
```

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

Here you see how a box with a 4 pixel #77477D colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77477D; -webkit-box-shadow:4px 4px  
4px 4px #77477D; box-shadow:4px 4px 4px  
4px #77477D }
```

Background

The CSS property to change the background color of an element to Hex 77477D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77477D }
```

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

```
.background{ background-color:#77477D }
```

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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