

# Converting Colors

Hex(72477D)

Have a look what the booklet for  
Hex(72477D) contains.

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# Color

**Hex(72477D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72477D
RGB	114, 71, 125
RGB Percent	45%, 28%, 49%
CMY	0.5529, 0.7216, 0.5098
CMYK	0.09, 0.43, 0.00, 0.51
HSL	288°, 28%, 38%
HSV	288°, 43%, 49%
XYZ	12.8943, 9.5646, 20.5686
YIQ	90.0130, 8.2940, 25.9100

# Conversions

## Conversions Part 2

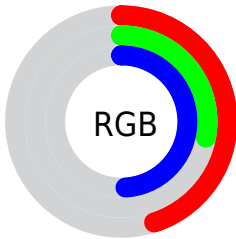
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 71, 125
Decimal	7489405
CIE <sub>Lab</sub>	37.05, 28.25, -23.29
CIE <sub>LCh</sub>	37, 36.618, 320.499
Yxy	9.5646, 0.2997, 0.2223
Android (android.graphics.Color)	4285679485 (0xFF72477D)
YUV	90.0130, 17.2486, 21.0366
Hunter-Lab	30.9266, 20.3011, -17.7838

# Details

The Hex color **72477D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **527D47**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A779B2**, and **40194C** is the 20% darker color. If you saturate the color by 10%, you get **6F3B7D**, and if you desaturate by 10%, it is **75547D**.

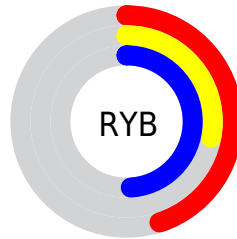
# Distribution



Red (45%)

Green (28%)

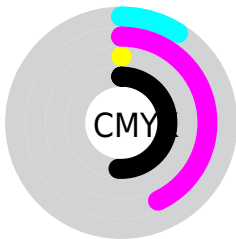
Blue (49%)



Red (45%)

Yellow (28%)

Blue (49%)

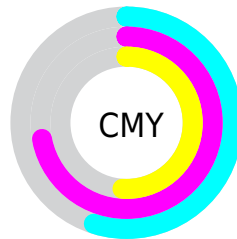


Cyan (9%)

Magenta (43%)

Yellow (0%)

Black (51%)



Cyan (55%)

Magenta (72%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72477D 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 72477D by changing the saturation by 10% instead.



 72477D

 72477D

FFFFFF

 593064

 A779B2

 40194C

 C293CD

 290235

 DFADEA

 11001F

 FCC9FF

 000002

 FFE5FF

 000000

 72477D

 72477D

 6F3B7D

 75547D

 6D2E7D

 77607D

6A227D

7A6D7D

68157D

7C797D

65097D

7F867D

64007D

81927D

849F7D

86AB7D

89B87D

# Harmonies

## Analogous

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



48538F



72477D



883E62

# Triad

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



72477D



6F521A



00666B

# Complementary

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



72477D



527D47

# 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.



00654C



72477D



545C1C

# Square

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



72477D



84472A



306230



006384

# Rectangle

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



72477D



8E3D4E



306230



006661



# Sweetspot

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



72477D



9F8EA3



47537D



4F4552



D1D1D1



525252



# Same Dimension

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



72477D



924EA3



7D476E



3E3940



660080



000000



# Inverse Universe

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



7D4752



A34E60



477D56



40393B



80001A

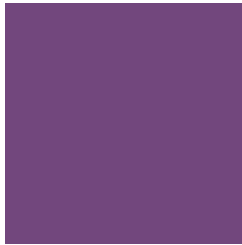


000000



# Previews

## White Background



This preview shows how the Hex color 72477D looks on a white background.

## Color Contrast Check

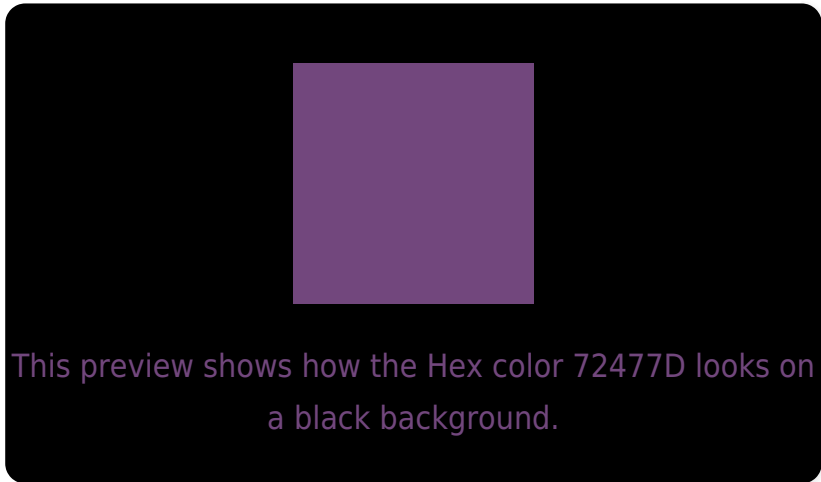
Large Text (above 18pt) WCAG AA ✓ Pass

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

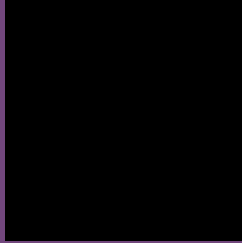
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 72477D Background



This preview shows how black text looks on a background with the Hex color 72477D.



This preview shows how white text looks on a background with the Hex color 72477D.

# 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**  
72477D

**Protanopia**  
445689

**Deuteranopia**  
4C577A



**Tritanopia**  
6C5056

# Trichromacy



**Original Color**  
72477D

**Protanomaly**  
555185

**Deuteranomaly**  
5A517B

**Tritanomaly**  
6E4D64

# Monochromacy



**Original Color**  
72477D

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
635367

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72477D 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 #72477D looks like.

```
.text, #text, p{  
    color:#72477D  
}
```

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 #72477D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72477D
}
```

## Border

The CSS property to change the border of an element to Hex 72477D 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
#72477D }
```

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

```
.border{ border-color:#72477D }
```

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

Here you see how a box with a 4 pixel #72477D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72477D; -webkit-box-shadow:4px 4px  
4px 4px #72477D; box-shadow:4px 4px 4px  
4px #72477D }
```

# Background

The CSS property to change the background color of an element to Hex 72477D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72477D }
```

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

```
.background{ background-color:#72477D }
```

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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