

Converting Colors

Hex(7477A8)

Have a look what the booklet for
Hex(7477A8) contains.

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Color

Hex(7477A8)

Conversions

Conversions Part 1

Format	Color
Hex	7477A8
RGB	116, 119, 168
RGB Percent	45%, 47%, 66%
CMY	0.5451, 0.5333, 0.3412
CMYK	0.31, 0.29, 0.00, 0.34
HSL	237°, 23%, 56%
HSV	237°, 31%, 66%
XYZ	20.8672, 19.7338, 39.7550
YIQ	123.6890, -17.5170, 14.6030

Conversions

Conversions Part 2

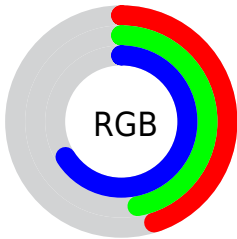
Format	Color
R_{YB}	116, 119, 168
Decimal	7632808
CIE _{Lab}	51.53, 10.53, -26.51
CIE _{LCh}	52, 28.524, 291.673
Yxy	19.7338, 0.2597, 0.2456
Android (android.graphics.Color)	4285822888 (0xFF7477A8)
YUV	123.6890, 21.8453, -6.7433
Hunter-Lab	44.4228, 6.1089, -21.9641

Details

The Hex color **7477A8** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A8A574**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **A9ABDF**, and **424774** is the 20% darker color. If you saturate the color by 10%, you get **6367A8**, and if you desaturate by 10%, it is **8587A8**.

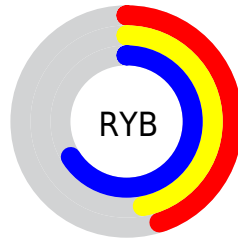
Distribution



Red (45%)

Green (47%)

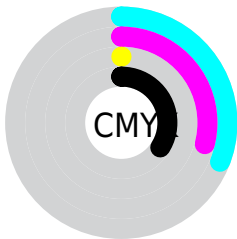
Blue (66%)



Red (45%)

Yellow (47%)

Blue (66%)

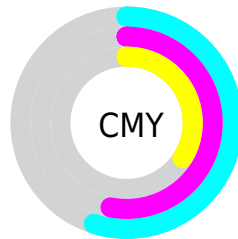


Cyan (31%)

Magenta (29%)

Yellow (0%)

Black (34%)



Cyan (55%)

Magenta (53%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7477A8 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 7477A8 by changing the saturation by 10% instead.

■ 7477A8

■ 7477A8

FFFFFF

■ 5A5E8D

■ A9ABDF

■ 424774

■ C5C6FC

■ 29315B

■ E1E2FF

■ 101C43

FEFFFF

■ 00012D

■ 000117

■ 000000

■ 7477A8

■ 7477A8

■ 6367A8

■ 8587A8

■ 5257A8

■ 9697A8

■ 4248A8

■ A6A6A8

■ 3138A8

■ B7B6A8

■ 2028A8

■ C8C6A8

■ 0F18A8

■ D9D6A8

■ 000AA8

■ EAE6A8

■ FAF6A8

■ FFFFA8

Harmonies

Analogous

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



4D7FAB



7477A8



936E99

Triad

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



7477A8



A36F55



3E8873

Complementary

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



7477A8



A8A574

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.



5D855C



7477A8



91774A

Square

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



7477A8



AB696A



797F4D



20888C

Rectangle

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



7477A8



A16A8B



797F4D



49876B

Sweetspot

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



7477A8



C8C9DB



74A8A5



62626E



EDEDED



6E6E6E

Same Dimension

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



7477A8



8A8FDB



8B74A8



4C4C54



000994



000114

Inverse Universe

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



A87477



DB8A8F



91A874



544C4C



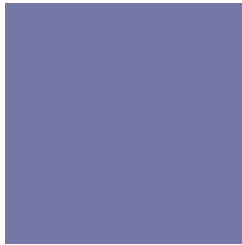
940009



140001

Previews

White Background



This preview shows how the Hex color 7477A8 looks on a white background.

Color Contrast Check

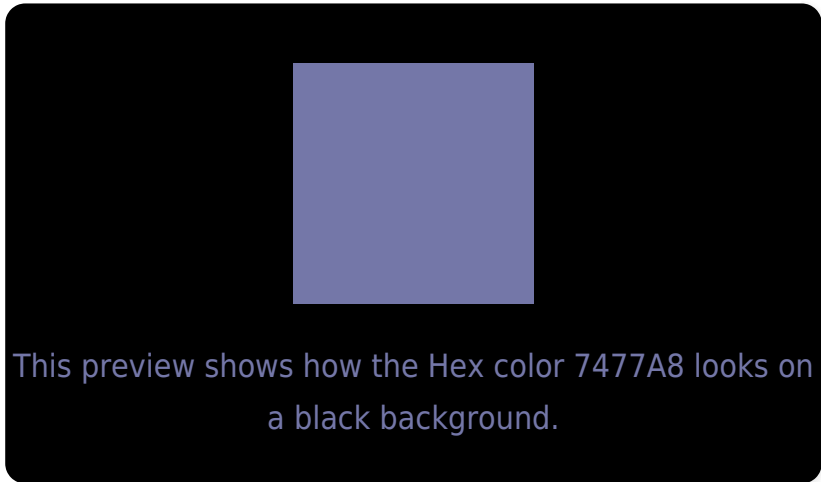
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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 × Fail

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

Hex 7477A8 Background



This preview shows how black text looks on a background with the Hex color 7477A8.



This preview shows how white text looks on a background with the Hex color 7477A8.

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
7477A8

Protanopia
6C79AA

Deuteranopia
6D79A8



Tritanopia
6D7D87

Trichromacy



Original Color

7477A8

Protanomaly

6F78A9

Deuteranomaly

7078A8

Tritanomaly

707B93

Monochromacy



Original Color

7477A8

Achromatopsia

7C7C7C

Achromatomaly

797A8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7477A8 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 #7477A8 looks like.

```
.text, #text, p{  
    color:#7477A8  
}
```

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 #7477A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7477A8
}
```

Border

The CSS property to change the border of an element to Hex 7477A8 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
#7477A8 }
```

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

```
.border{ border-color:#7477A8 }
```

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

Here you see how a box with a 4 pixel #7477A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7477A8; -webkit-box-shadow:4px 4px  
4px 4px #7477A8; box-shadow:4px 4px 4px  
4px #7477A8 }
```

Background

The CSS property to change the background color of an element to Hex 7477A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7477A8 }
```

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

```
.background{ background-color:#7477A8 }
```

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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