

Converting Colors

Hex(747799)

Have a look what the booklet for
Hex(747799) contains.

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Color

Hex(747799)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 747799 |
| RGB | 116, 119, 153 |
| RGB Percent | 45%, 47%, 60% |
| CMY | 0.5451, 0.5333, 0.4000 |
| CMYK | 0.24, 0.22, 0.00, 0.40 |
| HSL | 235°, 15%, 53% |
| HSV | 235°, 24%, 60% |
| XYZ | 19.5491, 19.2066, 32.8139 |
| YIQ | 121.9790, -12.7020, 9.9380 |

Conversions

Conversions Part 2

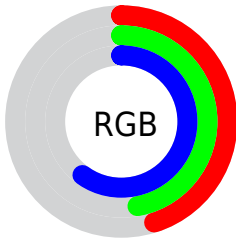
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 116, 119, 153 |
| Decimal | 7632793 |
| CIE Lab | 50.93, 6.66, -18.70 |
| CIE LCh | 51, 19.848, 289.607 |
| Yxy | 19.2066, 0.2731, 0.2684 |
| Android (android.graphics.Color) | 4285822873 (0xFF747799) |
| YUV | 121.9790, 15.2934, -5.2436 |
| Hunter-Lab | 43.8253, 2.9288, -13.7153 |

Details

The Hex color **747799** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **999674**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A9ABCF**, and **434766** is the 20% darker color. If you saturate the color by 10%, you get **656999**, and if you desaturate by 10%, it is **838599**.

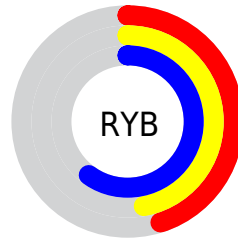
Distribution



Red (45%)

Green (47%)

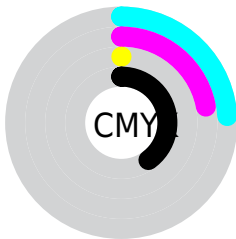
Blue (60%)



Red (45%)

Yellow (47%)

Blue (60%)

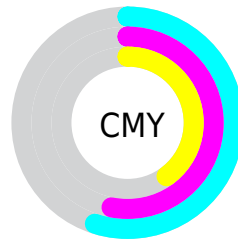


Cyan (24%)

Magenta (22%)

Yellow (0%)

Black (40%)



Cyan (55%)

Magenta (53%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747799 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 747799 by changing the saturation by 10% instead.

■ 747799

■ 747799

FFFFFF

■ 5B5E7F

■ A9ABCF

■ 434766

■ C4C6EC

■ 2C304E

■ E0E2FF

■ 151C37

FDFFFF

■ 000022

■ 000007

■ 000000

■ 747799

■ 747799

■ 656999

■ 838599

■ 555B99

■ 939399

■ 464D99

■ A2A199

■ 373F99

■ B1AF99

■ 273199

■ C1BD99

■ 182399

■ D0CB99

■ 091599

■ DFD999

■ 000C99

■ EEE799

■ FEF699

Harmonies

Analogous

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



5C7D9A



747799



89718F

Triad

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



747799



977160



548273

Complementary

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



747799



999674

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.



678063



747799



8B7658

Square

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



747799



9C6D6F



7A7C59



488384

Rectangle

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



747799



946E85



7A7C59



5A826D

Sweetspot

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



747799



B9BAC7



749996



5B5C63



E3E3E3



636363

Same Dimension

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



747799



8D92C7



837499



45454D



000B8C



00010D

Inverse Universe

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



997477



C78D92



8A9974



4D4545



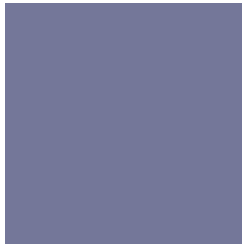
8C000B



0D0001

Previews

White Background



This preview shows how the Hex color 747799 looks on a white background.

Color Contrast Check

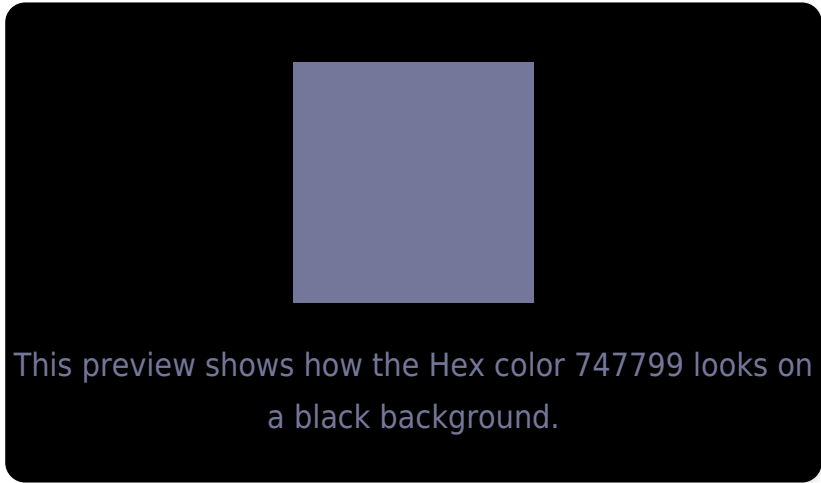
Large Text (above 18pt) WCAG AA ✓ Pass

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

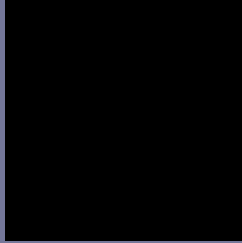
Any Text WCAG AA ✓ Pass

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 747799 Background



This preview shows how black text looks on a background with the Hex color 747799.



This preview shows how white text looks on a background with the Hex color 747799.

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

747799

Protanopia

71789A

Deuteranopia

747799



Tritanopia
707B84

Trichromacy



Original Color

747799

Protanomaly

72789A

Deuteranomaly

747799

Tritanomaly

717A8C

Monochromacy



Original Color

747799

Achromatopsia

7A7A7A

Achromatomaly

787985

CSS Examples

Text

The CSS property to change the color of the text to Hex 747799 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 #747799 looks like.

```
.text, #text, p{  
    color:#747799  
}
```

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 #747799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747799
}
```

Border

The CSS property to change the border of an element to Hex 747799 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
#747799 }
```

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

```
.border{ border-color:#747799 }
```

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

Here you see how a box with a 4 pixel #747799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747799; -webkit-box-shadow:4px 4px  
4px 4px #747799; box-shadow:4px 4px 4px  
4px #747799 }
```

Background

The CSS property to change the background color of an element to Hex 747799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747799 }
```

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

```
.background{ background-color:#747799 }
```

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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