

Converting Colors

Hex(747790)

Have a look what the booklet for
Hex(747790) contains.

Hex(747790)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(747790)

Conversions

Conversions Part 1

Format	Color
Hex	747790
RGB	116, 119, 144
RGB Percent	45%, 47%, 56%
CMY	0.5451, 0.5333, 0.4353
CMYK	0.19, 0.17, 0.00, 0.44
HSL	234°, 11%, 51%
HSV	234°, 19%, 56%
XYZ	18.8333, 18.9203, 29.0449
YIQ	120.9530, -9.8130, 7.1390

Conversions

Conversions Part 2

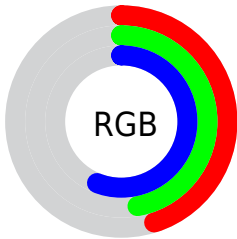
Format	Color
R_{YB}	116, 119, 144
Decimal	7632784
CIE _{Lab}	50.59, 4.45, -13.93
CIE _{LCh}	51, 14.624, 287.732
Yxy	18.9203, 0.2819, 0.2832
Android (android.graphics.Color)	4285822864 (0xFF747790)
YUV	120.9530, 11.3622, -4.3438
Hunter-Lab	43.4974, 1.1656, -9.1420

Details

The Hex color **747790** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **908D74**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A8ABC6**, and **43475E** is the 20% darker color. If you saturate the color by 10%, you get **666A90**, and if you desaturate by 10%, it is **828490**.

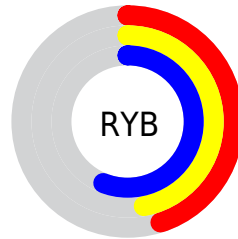
Distribution



Red (45%)

Green (47%)

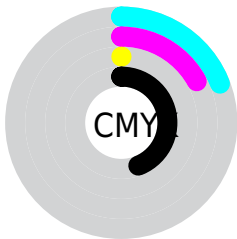
Blue (56%)



Red (45%)

Yellow (47%)

Blue (56%)

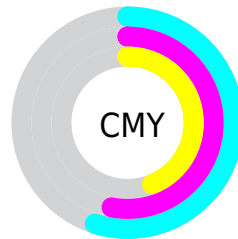


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747790 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 747790 by changing the saturation by 10% instead.

■ 747790

■ 747790

FFFFFF

■ 5B5E76

■ A8ABC6

■ 43475E

■ C4C6E2

■ 2D3046

■ E0E2FF

■ 171C30

■ FCFFFF

■ 00001B

■ 000000

■ 747790

■ 747790

■ 666A90

■ 828490

■ 575D90

■ 919190

495090

9F9E90

3A4490

AEAA90

2C3790

BCB790

1E2A90

CAC490

0F1D90

D9D190

011090

E7DE90

000F90

F6EB90

Harmonies

Analogous

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



647B90



747790



847389

Triad

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



747790



907267



5F7F73

Complementary

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



747790



908D74

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.



6C7D67



747790



877660

Square

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



747790



937071



7A7A61



578080

Rectangle

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



747790



8B7182



7A7A61



637F6F

Sweetspot

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



747790



AFB0BA



74908D



58585E



DEDEDE



5E5E5E

Same Dimension

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



747790



8F94BA



7F7490



404147



000E87



000108

Inverse Universe

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



907477



BA8F94



859074



474041



87000E



080001

Previews

White Background



This preview shows how the Hex color 747790 looks on a white background.

Color Contrast Check

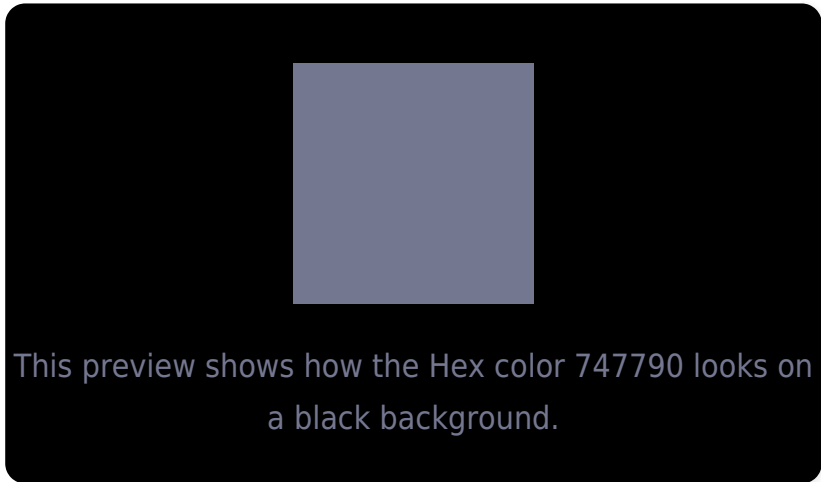
Large Text (above 18pt) WCAG AA ✓ Pass

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

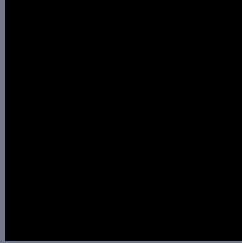
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

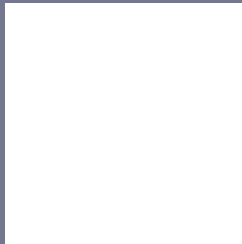
Any Text WCAG AAA × Fail

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

Hex 747790 Background



This preview shows how black text looks on a background with the Hex color 747790.



This preview shows how white text looks on a background with the Hex color 747790.

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

747790

Protanopia

737790

Deuteranopia

787690



Tritanopia
727983

Trichromacy



Original Color

747790

Protanomaly

737790

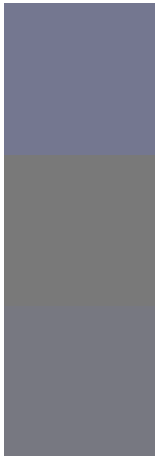
Deuteranomaly

777690

Tritanomaly

737888

Monochromacy



Original Color

747790

Achromatopsia

797979

Achromatomaly

777881

CSS Examples

Text

The CSS property to change the color of the text to Hex 747790 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 #747790 looks like.

```
.text, #text, p{  
    color:#747790  
}
```

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 #747790 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747790
}
```

Border

The CSS property to change the border of an element to Hex 747790 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
#747790 }
```

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

```
.border{ border-color:#747790 }
```

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

Here you see how a box with a 4 pixel #747790 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747790; -webkit-box-shadow:4px 4px  
4px 4px #747790; box-shadow:4px 4px 4px  
4px #747790 }
```

Background

The CSS property to change the background color of an element to Hex 747790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747790 }
```

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

```
.background{ background-color:#747790 }
```

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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