

Converting Colors

Hex(747E8C)

Have a look what the booklet for
Hex(747E8C) contains.

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Color

Hex(747E8C)

Conversions

Conversions Part 1

Format	Color
Hex	747E8C
RGB	116, 126, 140
RGB Percent	45%, 49%, 55%
CMY	0.5451, 0.5059, 0.4510
CMYK	0.17, 0.10, 0.00, 0.45
HSL	215°, 9%, 50%
HSV	215°, 17%, 55%
XYZ	19.3969, 20.5282, 27.7509
YIQ	124.6060, -10.4540, 2.2340

Conversions

Conversions Part 2

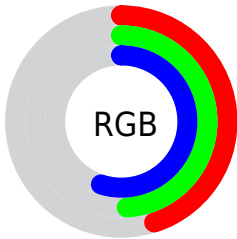
Format	Color
R_{YB}	116, 123, 140
Decimal	7634572
CIE Lab	52.43, -0.58, -8.82
CIE LCh	52, 8.842, 266.253
Yxy	20.5282, 0.2866, 0.3033
Android (android.graphics.Color)	4285824652 (0xFF747E8C)
YUV	124.6060, 7.5892, -7.5475
Hunter-Lab	45.3080, -2.8709, -4.5992

Details

The Hex color **747E8C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8C8274**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **A8B3C2**, and **444D5A** is the 20% darker color. If you saturate the color by 10%, you get **66768C**, and if you desaturate by 10%, it is **82868C**.

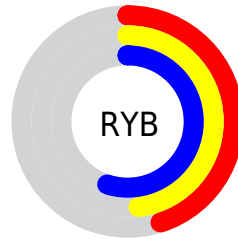
Distribution



Red (45%)

Green (49%)

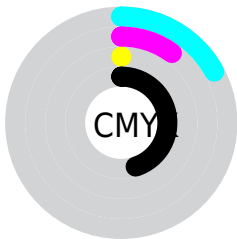
Blue (55%)



Red (45%)

Yellow (48%)

Blue (55%)

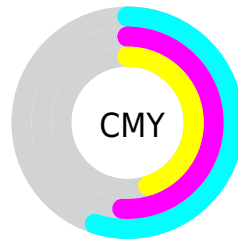


Cyan (17%)

Magenta (10%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (51%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747E8C 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 747E8C by changing the saturation by 10% instead.

■ 747E8C

■ 747E8C

FFFFFF

■ 5B6573

■ A8B3C2

■ 444D5A

■ C3CEDD

■ 2D3643

■ DFEAFA

■ 18212C

■ FCFFFF

■ 000A18

■ 000000

■ 747E8C

■ 747E8C

■ 66768C

■ 82868C

■ 586E8C

■ 908E8C

■ 4A668C

■ 9E968C

■ 3C5D8C

■ AC9F8C

■ 2E558C

■ BAA78C

■ 204D8C

■ C8AF8C

■ 12458C

■ D6B78C

■ 043D8C

■ E4BF8C

■ 003A8C

■ F2C78C

Harmonies

Analogous

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



6D8089



747E8C



7D7B8B

Triad

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



747E8C



8D7877



738174

Complementary

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



747E8C



8C8274

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.



7C7F6F



747E8C



8B7A71

Square

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



747E8C



8C787E



847C6E



6D827C

Rectangle

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



747E8C



847A88



847C6E



768072

Sweetspot

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



747E8C



ACB0B5



748C82



56595C



DBDBDB



5C5C5C

Same Dimension

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



747E8C



8F9FB5



76748C



3E4145



003785



000205

Inverse Universe

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



8C747E



B58F9F



8A8C74



453E41



850037



050002

Previews

White Background



This preview shows how the Hex color 747E8C 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

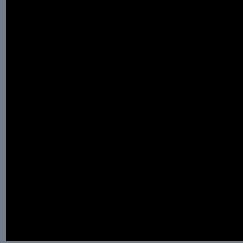
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

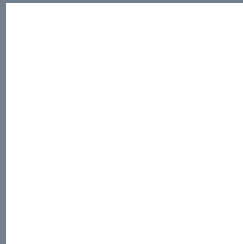
Any Text WCAG AAA × Fail

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

Hex 747E8C Background



This preview shows how black text looks on a background with the Hex color 747E8C.



This preview shows how white text looks on a background with the Hex color 747E8C.

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

747E8C

Protanopia

7B7C8B

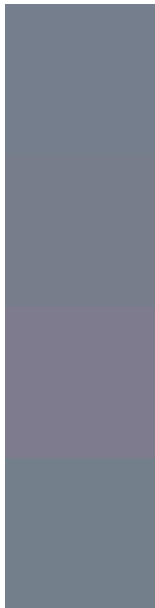
Deuteranopia

827A8D



Tritanopia
737F89

Trichromacy



Original Color

747E8C

Protanomaly

787D8B

Deuteranomaly

7D7B8D

Tritanomaly

737F8A

Monochromacy



Original Color

747E8C

Achromatopsia

7D7D7D

Achromatomaly

7A7D82

CSS Examples

Text

The CSS property to change the color of the text to Hex 747E8C 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 #747E8C looks like.

```
.text, #text, p{  
    color:#747E8C  
}
```

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 #747E8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747E8C  
}
```

Border

The CSS property to change the border of an element to Hex 747E8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

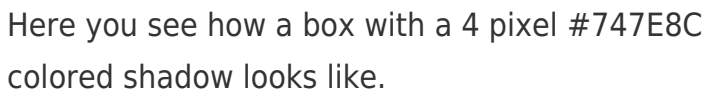
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#747E8C }
```

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

```
.border{ border-color:#747E8C }
```

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



Here you see how a box with a 4 pixel #747E8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747E8C; -webkit-box-shadow:4px 4px  
4px 4px #747E8C; box-shadow:4px 4px 4px  
4px #747E8C }
```

Background

The CSS property to change the background color of an element to Hex 747E8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747E8C }
```

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

```
.background{ background-color:#747E8C }
```

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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