

Converting Colors

Hex(74747B)

Have a look what the booklet for
Hex(74747B) contains.

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Color

Hex(74747B)

Conversions

Conversions Part 1

Format	Color
Hex	74747B
RGB	116, 116, 123
RGB Percent	45%, 45%, 48%
CMY	0.5451, 0.5451, 0.5176
CMYK	0.06, 0.06, 0.00, 0.52
HSL	240°, 3%, 47%
HSV	240°, 6%, 48%
XYZ	17.0230, 17.6338, 21.2454
YIQ	116.7980, -2.2470, 2.1770

Conversions

Conversions Part 2

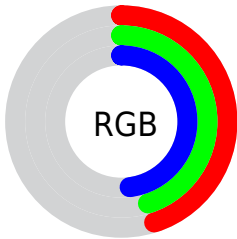
Format	Color
R_{YB}	116, 116, 123
Decimal	7631995
CIE Lab	49.05, 1.46, -3.85
CIE LCh	49, 4.115, 290.730
Yxy	17.6338, 0.3045, 0.3154
Android (android.graphics.Color)	4285822075 (0xFF74747B)
YUV	116.7980, 3.0576, -0.6998
Hunter-Lab	41.9927, -1.1268, -0.6017

Details

The Hex color **74747B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B7B74**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A8A8AF**, and **44444A** is the 20% darker color. If you saturate the color by 10%, you get **68687B**, and if you desaturate by 10%, it is **80807B**.

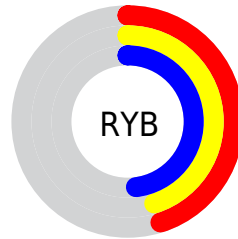
Distribution



Red (45%)

Green (45%)

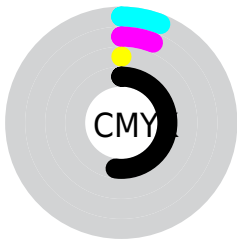
Blue (48%)



Red (45%)

Yellow (45%)

Blue (48%)

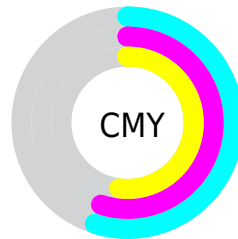


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (52%)



Cyan (55%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74747B 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 74747B by changing the saturation by 10% instead.

■ 74747B

■ 74747B

FFFFFF

■ 5B5B62

■ A8A8AF

■ 44444A

■ C3C3CB

■ 2E2E34

■ DFDFE7

■ 19191F

■ FCFCFF

■ 000005

■ 000000

■ 74747B

■ 74747B

■ 68687B

■ 80807B

■ 5B5B7B

■ 8D8D7B

■ 4F4F7B

■ 99997B

■ 43437B

■ A5A57B

■ 36367B

■ B2B27B

■ 2A2A7B

■ BEBE7B

■ 1E1E7B

■ CACA7B

■ 12127B

■ D6D67B

■ 05057B

■ E3E37B

Harmonies

Analogous

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



70757B



74747B



787379

Triad

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



74747B



7B736F



6E7773

Complementary

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



74747B



7B7B74

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.



717670



74747B



79746E

Square

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



74747B



7C7272



75756E



6C7777

Rectangle

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



74747B



7A7277



75756E



6F7672

Sweetspot

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



74747B



9D9DA1



747B7B



505052



D1D1D1



525252

Same Dimension

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



74747B



9595A1



78747B



38383D



00007D



0000FC

Inverse Universe

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



7B747B



A195A1



787B74



3D383D



7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 74747B looks on a white background.

Color Contrast Check

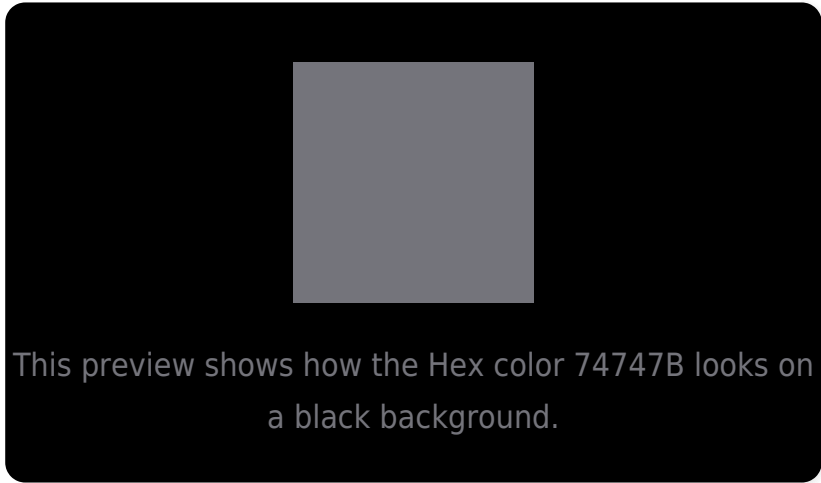
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

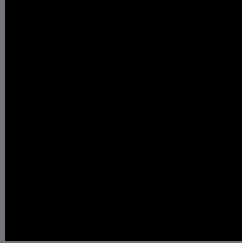
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

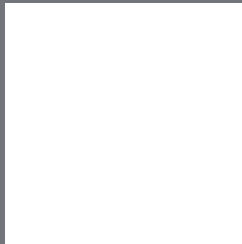
Any Text WCAG AAA × Fail

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

Hex 74747B Background



This preview shows how black text looks on a background with the Hex color 74747B.



This preview shows how white text looks on a background with the Hex color 74747B.

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
74747B

Protanopia
75747B

Deuteranopia
7D717C



Tritanopia
74747D

Trichromacy



Original Color

74747B

Protanomaly

75747B

Deuteranomaly

7A727C

Tritanomaly

74747C

Monochromacy



Original Color

74747B

Achromatopsia

757575

Achromatomaly

757577

CSS Examples

Text

The CSS property to change the color of the text to Hex 74747B 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 #74747B looks like.

```
.text, #text, p{  
    color:#74747B  
}
```

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 #74747B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74747B
}
```

Border

The CSS property to change the border of an element to Hex 74747B is called "border". The border property can be set on classes, ids or directly on the HTML element.

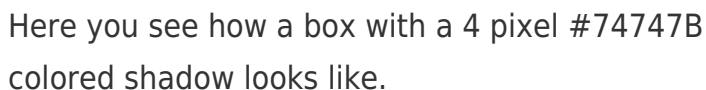
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#74747B }
```

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

```
.border{ border-color:#74747B }
```

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



Here you see how a box with a 4 pixel #74747B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74747B; -webkit-box-shadow:4px 4px  
4px 4px #74747B; box-shadow:4px 4px 4px  
4px #74747B }
```

Background

The CSS property to change the background color of an element to Hex 74747B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74747B }
```

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

```
.background{ background-color:#74747B }
```

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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