

Converting Colors

Hex(73687F)

Have a look what the booklet for
Hex(73687F) contains.

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Color

Hex(73687F)

Conversions

Conversions Part 1

Format	Color
Hex	73687F
RGB	115, 104, 127
RGB Percent	45%, 41%, 50%
CMY	0.5490, 0.5922, 0.5020
CMYK	0.09, 0.18, 0.00, 0.50
HSL	269°, 10%, 45%
HSV	269°, 18%, 50%
XYZ	15.8513, 15.0778, 22.1535
YIQ	109.9110, -0.8270, 9.4850

Conversions

Conversions Part 2

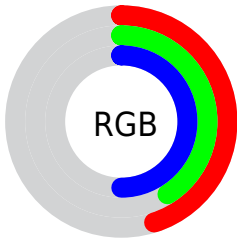
Format	Color
R_{YB}	115, 104, 127
Decimal	7563391
CIE Lab	45.74, 9.10, -11.18
CIE LCh	46, 14.415, 309.127
Yxy	15.0778, 0.2986, 0.2840
Android (android.graphics.Color)	4285753471 (0xFF73687F)
YUV	109.9110, 8.4249, 4.4631
Hunter-Lab	38.8301, 4.9150, -6.6453

Details

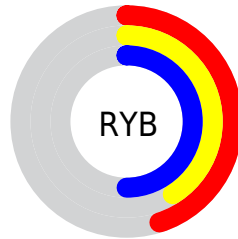
The Hex color **73687F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **747F68**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **A79BB4**, and **43394E** is the 20% darker color. If you saturate the color by 10%, you get **6C5B7F**, and if you desaturate by 10%, it is **7A757F**.

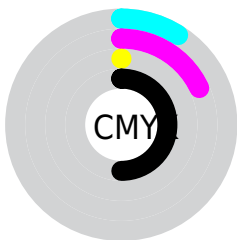
Distribution



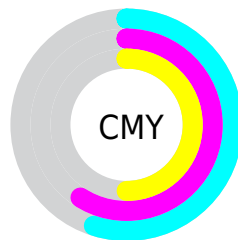
- Red (45%)
- Green (41%)
- Blue (50%)



- Red (45%)
- Yellow (41%)
- Blue (50%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)
- Black (50%)



- Cyan (55%)
- Magenta (59%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73687F 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 73687F by changing the saturation by 10% instead.



73687F



73687F

FFFFFF



5A5066



A79BB4



43394E



C2B6CF



2C2337



DED2EC



180E22



FBEEFF



000009



000000



73687F



73687F



6C5B7F



7A757F



664F7F



80817F

5F427F

878E7F

58357F

8E9B7F

52297F

94A87F

4B1C7F

9BB47F

450F7F

A1C17F

3E027F

A8CE7F

3D007F

AFDA7F

Harmonies

Analogous

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



636C84



73687F



7F6575

Triad

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



73687F



7D6956



4D7370

Complementary

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



73687F



747F68

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.



577363



73687F



726D55

Square

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



73687F



84655E



647059



4C727B

Rectangle

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



73687F



84646D



647059



50736B

Sweetspot

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



73687F



A19DA6



68747F



524F54



D4D4D4



545454

Same Dimension

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



73687F



9381A6



7E687F



3C3940



3D0080



000000

Inverse Universe

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



7F6874



A68194



697F68



40393D



800043



000000

Previews

White Background



This preview shows how the Hex color 73687F looks on a white background.

Color Contrast Check

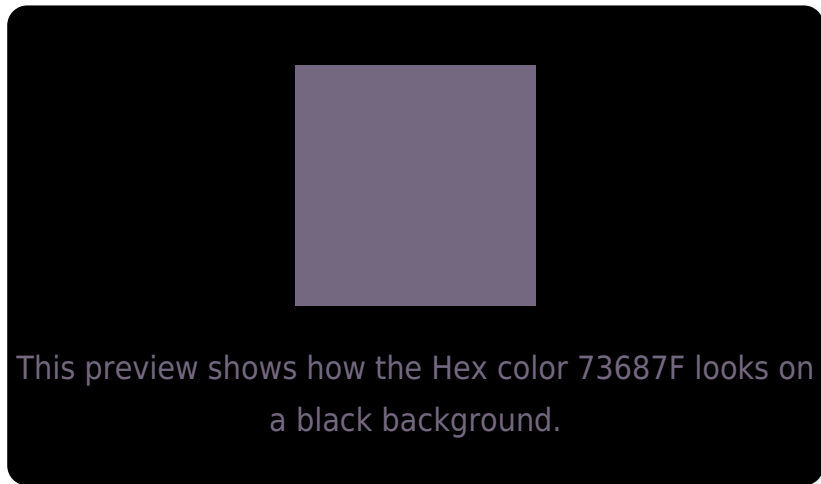
Large Text (above 18pt) WCAG AA ✓ Pass

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

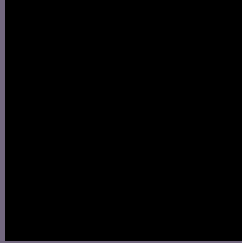
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 73687F Background



This preview shows how black text looks on a background with the Hex color 73687F.



This preview shows how white text looks on a background with the Hex color 73687F.

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
73687F

Protanopia
686B81

Deuteranopia
6E6A7F



Tritanopia
716A73

Trichromacy



Original Color
73687F

Protanomaly
6C6A80

Deuteranomaly
70697F

Tritanomaly
726977

Monochromacy



Original Color
73687F

Achromatopsia
6E6E6E

Achromatomaly
706C74

CSS Examples

Text

The CSS property to change the color of the text to Hex 73687F 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 #73687F looks like.

```
.text, #text, p{  
    color:#73687F  
}
```

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 #73687F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73687F
}
```

Border

The CSS property to change the border of an element to Hex 73687F is called "border". The border property can be set on classes, ids or directly on the HTML element.

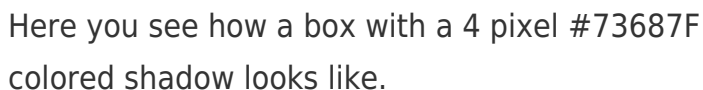
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#73687F }
```

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

```
.border{ border-color:#73687F }
```

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



Here you see how a box with a 4 pixel #73687F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73687F; -webkit-box-shadow:4px 4px  
4px 4px #73687F; box-shadow:4px 4px 4px  
4px #73687F }
```

Background

The CSS property to change the background color of an element to Hex 73687F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73687F }
```

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

```
.background{ background-color:#73687F }
```

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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