

Converting Colors

Hex(737C80)

Have a look what the booklet for
Hex(737C80) contains.

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Color

Hex(737C80)

Conversions

Conversions Part 1

Format	Color
Hex	737C80
RGB	115, 124, 128
RGB Percent	45%, 49%, 50%
CMY	0.5490, 0.5137, 0.4980
CMYK	0.10, 0.03, 0.00, 0.50
HSL	198°, 5%, 48%
HSV	198°, 10%, 50%
XYZ	18.1742, 19.6187, 23.2510
YIQ	121.7650, -6.6480, -0.6640

Conversions

Conversions Part 2

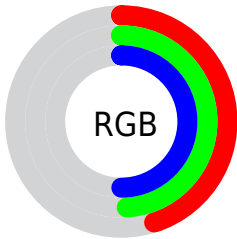
Format	Color
R_{YB}	115, 120, 128
Decimal	7568512
CIE _{Lab}	51.40, -2.48, -3.33
CIE _{LCh}	51, 4.150, 233.365
Yxy	19.6187, 0.2977, 0.3214
Android (android.graphics.Color)	4285758592 (0xFF737C80)
YUV	121.7650, 3.0739, -5.9329
Hunter-Lab	44.2929, -4.2710, -0.1184

Details

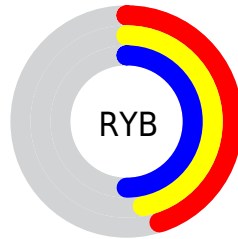
The Hex color **737C80** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **807773**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A7B0B5**, and **434B4F** is the 20% darker color. If you saturate the color by 10%, you get **667880**, and if you desaturate by 10%, it is **808080**.

Distribution



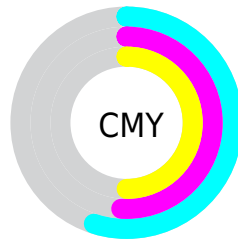
- Red (45%)
- Green (49%)
- Blue (50%)



- Red (45%)
- Yellow (47%)
- Blue (50%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (50%)



- Cyan (55%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 737C80 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 737C80 by changing the saturation by 10% instead.

■ 737C80

■ 737C80

FFFFFF

■ 5A6367

■ A7B0B5

■ 434B4F

■ C2CCD0

■ 2D3538

■ DEE8ED

■ 181F23

■ FBFFFF

■ 00070D

■ 000000

■ 737C80

■ 737C80

■ 667880

■ 808080

■ 597480

■ 8D8480

4D7080

998880

406C80

A68C80

336880

B39080

266480

C09480

196080

CD9880

0D5C80

D99C80

005980

E69F80

Harmonies

Analogous

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



727D7D



737C80



767B81

Triad

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



737C80



81787B



7A7B74

Complementary

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



737C80



807773

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.



7E7A73



737C80



827878

Square

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



737C80



7E797F



817975



767C76

Rectangle

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



737C80



797A81



817975



7C7B74

Sweetspot

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



737C80



A1A4A6



738077



515354



D4D4D4



545454

Same Dimension

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



737C80



92A0A6



737680



393E40



005880



000000

Inverse Universe

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



80737C



A692A0



807D73



40393E



800058



000000

Previews

White Background



This preview shows how the Hex color 737C80 looks on a white background.

Color Contrast Check

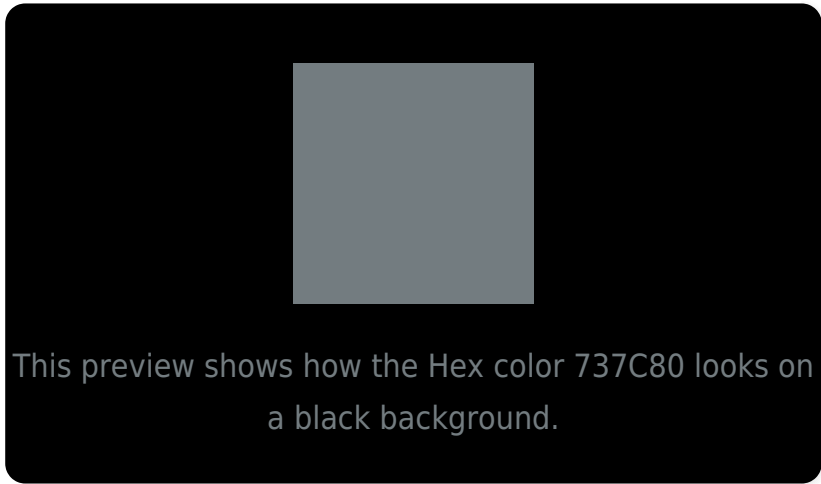
Large Text (above 18pt) WCAG AA ✓ Pass

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

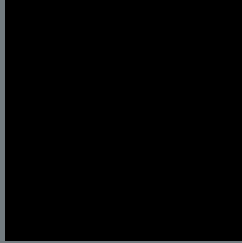
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

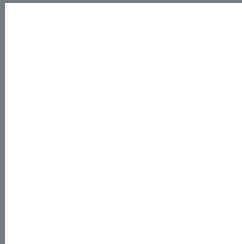
Any Text WCAG AAA × Fail

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

Hex 737C80 Background



This preview shows how black text looks on a background with the Hex color 737C80.



This preview shows how white text looks on a background with the Hex color 737C80.

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

737C80

Protanopia

7B7A7F

Deuteranopia

837781



Tritanopia
747B85

Trichromacy



Original Color

737C80

Protanomaly

787B7F

Deuteranomaly

7D7981

Tritanomaly

747B83

Monochromacy



Original Color

737C80

Achromatopsia

7A7A7A

Achromatomaly

777B7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 737C80 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 #737C80 looks like.

```
.text, #text, p{  
    color:#737C80  
}
```

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 #737C80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737C80
}
```

Border

The CSS property to change the border of an element to Hex 737C80 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
#737C80 }
```

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

```
.border{ border-color:#737C80 }
```

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

Here you see how a box with a 4 pixel #737C80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737C80; -webkit-box-shadow:4px 4px  
4px 4px #737C80; box-shadow:4px 4px 4px  
4px #737C80 }
```

Background

The CSS property to change the background color of an element to Hex 737C80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737C80 }
```

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

```
.background{ background-color:#737C80 }
```

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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