

Converting Colors

Hex(00737F)

Have a look what the booklet for
Hex(00737F) contains.

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Color

Hex(00737F)

Conversions

Conversions Part 1

Format	Color
Hex	00737F
RGB	0, 115, 127
RGB Percent	0%, 45%, 50%
CMY	1.0000, 0.5490, 0.5020
CMYK	1.00, 0.09, 0.00, 0.50
HSL	186°, 100%, 25%
HSV	186°, 100%, 50%
XYZ	9.9615, 13.7938, 22.2161
YIQ	81.9830, -72.3920, -20.6480

Conversions

Conversions Part 2

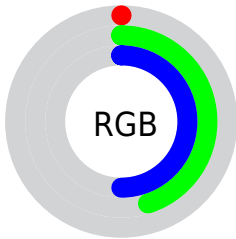
Format	Color
RYB	0, 60, 127
Decimal	29567
CIELab	43.94, -22.60, -14.40
CIELCh	44, 26.804, 212.508
Yxy	13.7938, 0.2167, 0.3001
Android (android.graphics.Color)	4278219647 (0xFF00737F)
YUV	81.9830, 22.1934, -71.8991
Hunter-Lab	37.1400, -17.1186, -9.4677

Details

The Hex color **00737F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7F0C00**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **50A7B4**, and **00424E** is the 20% darker color. If you saturate the color by 10%, you get **00737F**, and if you desaturate by 10%, it is **0D747F**.

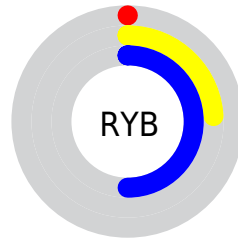
Distribution



Red (0%)

Green (45%)

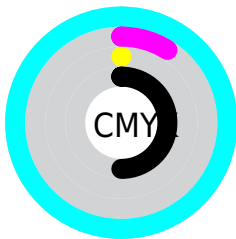
Blue (50%)



Red (0%)

Yellow (24%)

Blue (50%)

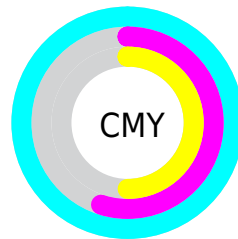


Cyan (100%)

Magenta (9%)

Yellow (0%)

Black (50%)



Cyan (100%)

Magenta (55%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00737F 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 00737F by changing the saturation by 10% instead.

 00737F

 00737F

FFFFFF

 005A66

 50A7B4

 00424E

 6DC3CF

 002C37

 89DFEB

 001722

 A6FBFF

 00000A

 C3FFFF

 000000

 E0FFFF

FEFFFF

 00737F

■ 0D747F

■ 19757F

■ 26777F

■ 33787F

■ 40797F

■ 4C7A7F

■ 597B7F

■ 667D7F

■ 727E7F

Harmonies

Analogous

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



237469



00737F



21708F

Triad

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



00737F



855A7D



75673B

Complementary

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



00737F



7F0C00

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.



875F41



00737F



925667

Square

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



00737F



6D618D



925951



5D6E42

Rectangle

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



00737F



3D6C94



925951



7B653C

Sweetspot

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



00737F



74A1A6



007F0B



365154



D4D4D4



545454

Same Dimension

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



00737F



0096A6



00357F



393F40



007380



000000

Inverse Universe

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



7F0073



A60096



7F4A00



40393F



800073



000000

Previews

White Background



This preview shows how the Hex color 00737F looks on a white background.

Color Contrast Check

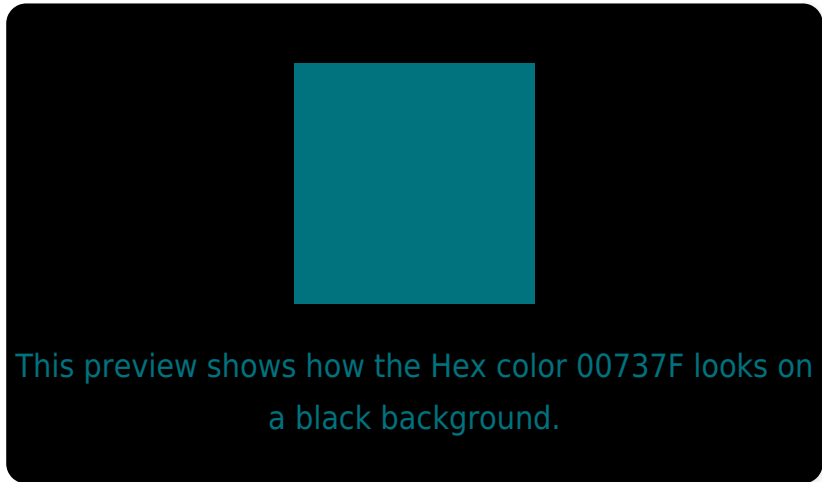
Large Text (above 18pt) WCAG AA ✓ Pass

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 00737F Background



This preview shows how black text looks on a background with the Hex color 00737F.

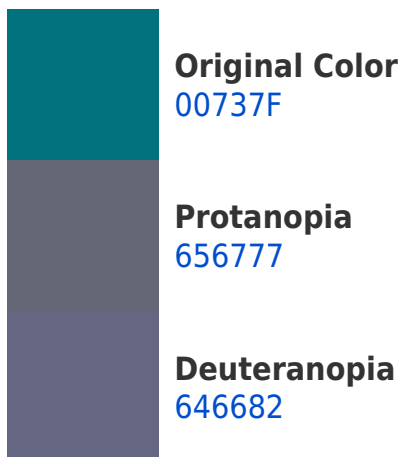


This preview shows how white text looks on a background with the Hex color 00737F.

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](#).

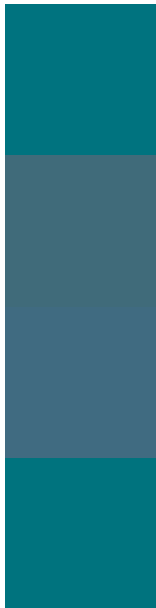
Dichromacy





Tritanopia
00737D

Trichromacy



Original Color
00737F

Protanomaly
406B7A

Deuteranomaly
406B81

Tritanomaly
00737E

Monochromacy



Original Color
00737F

Achromatopsia
525252

Achromatomaly
345E62

CSS Examples

Text

The CSS property to change the color of the text to Hex 00737F 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 #00737F looks like.

```
.text, #text, p{  
    color:#00737F  
}
```

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 #00737F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00737F
}
```

Border

The CSS property to change the border of an element to Hex 00737F 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
#00737F }
```

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

```
.border{ border-color:#00737F }
```

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

Here you see how a box with a 4 pixel #00737F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00737F; -webkit-box-shadow:4px 4px  
4px 4px #00737F; box-shadow:4px 4px 4px  
4px #00737F }
```

Background

The CSS property to change the background color of an element to Hex 00737F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00737F }
```

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

```
.background{ background-color:#00737F }
```

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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