

Converting Colors

Hex(00737D)

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

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Color

Hex(00737D)

Conversions

Conversions Part 1

Format	Color
Hex	00737D
RGB	0, 115, 125
RGB Percent	0%, 45%, 49%
CMY	1.0000, 0.5490, 0.5098
CMYK	1.00, 0.08, 0.00, 0.51
HSL	185°, 100%, 25%
HSV	185°, 100%, 49%
XYZ	9.8324, 13.7421, 21.5363
YIQ	81.7550, -71.7500, -21.2700

Conversions

Conversions Part 2

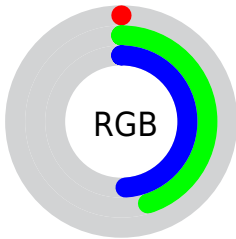
Format	Color
RYB	0, 60, 125
Decimal	29565
CIELab	43.86, -23.30, -13.32
CIELCh	44, 26.843, 209.752
Yxy	13.7421, 0.2180, 0.3046
Android (android.graphics.Color)	4278219645 (0xFF00737D)
YUV	81.7550, 21.3198, -71.6991
Hunter-Lab	37.0704, -17.5285, -8.4957

Details

The Hex color **00737D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7D0A00**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **4FA7B2**, and **00424C** is the 20% darker color. If you saturate the color by 10%, you get **00737D**, and if you desaturate by 10%, it is **0C747D**.

Distribution



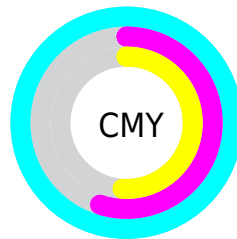
- Red (0%)
- Green (45%)
- Blue (49%)



- Red (0%)
- Yellow (24%)
- Blue (49%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

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

 00737D

 00737D

FFFFFF

 005A64

 4FA7B2

 00424C

 6CC3CD

 002C35

 89DFE9

 001720

 A5FBFF

 000007

 C2FFFF

 000000

 DFFFFF

 FFFFFFFF

 00737D

■ 0C747D

■ 19757D

■ 26767D

■ 32777D

■ 3F787D

■ 4B797D

■ 577A7D

■ 647B7D

■ 717C7D

Harmonies

Analogous

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



257367



00737D



1C708E

Triad

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



00737D



835A7E



76663B

Complementary

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



00737D



7D0A00

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.



885E42



00737D



915669

Square

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



00737D



6A628E



925853



5F6D40

Rectangle

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



00737D



396C93



925853



7D643C

Sweetspot

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



00737D



729FA3



007D08



344F52



D1D1D1



525252

Same Dimension

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



00737D



0096A3



00367D



393F40



007580



000000

Inverse Universe

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



7D0073



A30096



7D4700



40393F



800075



000000

Previews

White Background



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

Color Contrast Check

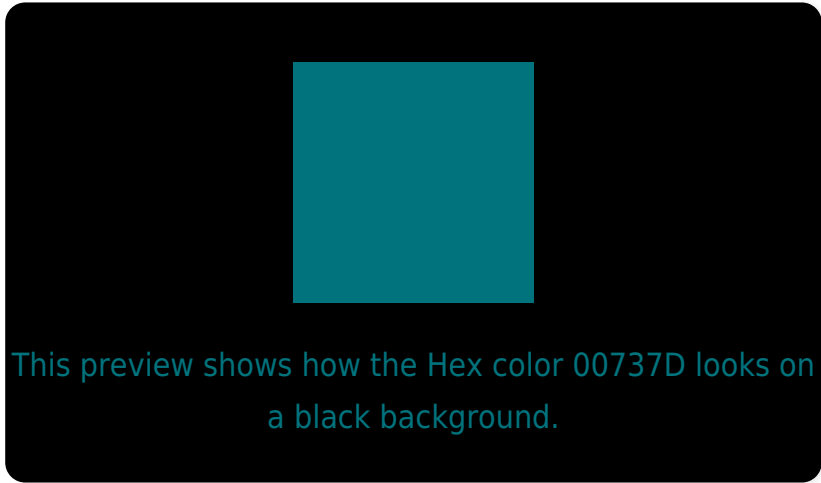
Large Text (above 18pt) WCAG AA ✓ Pass

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

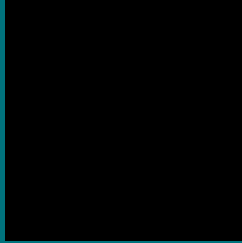
Any Text WCAG AA × Fail

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 00737D Background



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

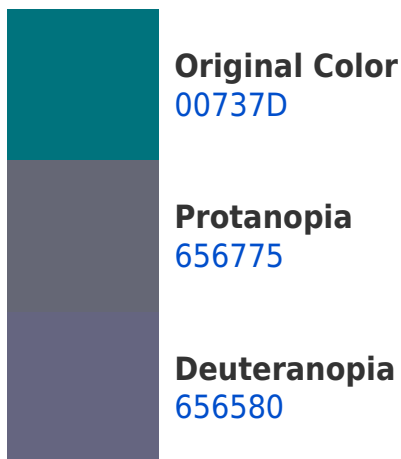


This preview shows how white text looks on a background with the Hex color 00737D.

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](#).

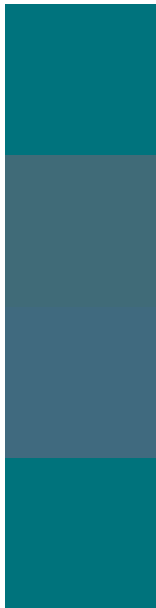
Dichromacy





Tritanopia
00737C

Trichromacy



Original Color
00737D

Protanomaly
406B78

Deuteranomaly
406A7F

Tritanomaly
00737C

Monochromacy



Original Color
00737D

Achromatopsia
525252

Achromatomaly
345E62

CSS Examples

Text

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

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

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 #00737D colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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