

Converting Colors

Hex(03737E)

Have a look what the booklet for
Hex(03737E) contains.

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Color

Hex(03737E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 03737E |
| RGB | 3, 115, 126 |
| RGB Percent | 1%, 45%, 49% |
| CMY | 0.9882, 0.5490, 0.5059 |
| CMYK | 0.98, 0.09, 0.00, 0.51 |
| HSL | 185°, 95%, 25% |
| HSV | 185°, 98%, 49% |
| XYZ | 9.9342, 13.7872, 21.8763 |
| YIQ | 82.7660, -70.2830, -20.3230 |

Conversions

Conversions Part 2

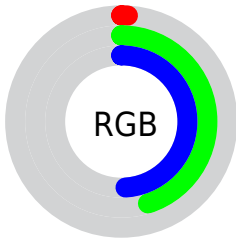
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 3, 62, 126 |
| Decimal | 226174 |
| CIELab | 43.93, -22.78, -13.82 |
| CIELCh | 44, 26.642, 211.242 |
| Yxy | 13.7872, 0.2179, 0.3024 |
| Android (android.graphics.Color) | 4278416254 (0xFF03737E) |
| YUV | 82.7660, 21.3144, -69.9548 |
| Hunter-Lab | 37.1311, -17.2229, -8.9397 |

Details

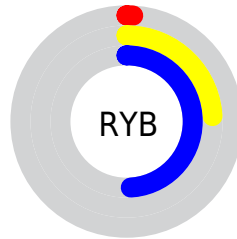
The Hex color **03737E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7E0E03**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **50A7B3**, and **00424D** is the 20% darker color. If you saturate the color by 10%, you get **00737E**, and if you desaturate by 10%, it is **10747E**.

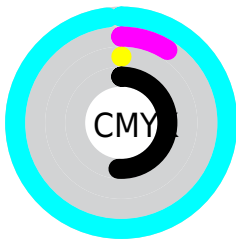
Distribution



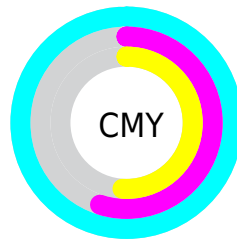
- Red (1%)
- Green (45%)
- Blue (49%)



- Red (1%)
- Yellow (24%)
- Blue (49%)



- Cyan (98%)
- Magenta (9%)
- Yellow (0%)
- Black (51%)



- Cyan (99%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03737E 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 03737E by changing the saturation by 10% instead.

 03737E

 03737E

FFFFFF

 005A65

 50A7B3

 00424D

 6DC3CE

 002C36

 8ADFEA

 001721

 A6FBFF

 000008

 C3FFFF

 000000

 E0FFFF

FEFFFF

 03737E

 03737E

■ 00737E

■ 10747E

■ 1C757E

■ 29767E

■ 35787E

■ 42797E

■ 4F7A7E

■ 5B7B7E

■ 687C7E

■ 747D7E

Harmonies

Analogous

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



257468



03737E



20708E

Triad

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



03737E



845A7D



75673B

Complementary

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



03737E



7E0E03

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.



885F42



03737E



915768

Square

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



03737E



6C628E



925952



5E6D41

Rectangle

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



03737E



3C6C93



925952



7C643C

Sweetspot

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



03737E



749FA3



037E0D



354F52



D1D1D1



525252

Same Dimension

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



03737E



0095A3



03367E



393F40



007480



000000

Inverse Universe

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



7E0373



A30095



7E4B03



40393F



800074



000000

Previews

White Background



This preview shows how the Hex color 03737E looks on a white background.

Color Contrast Check

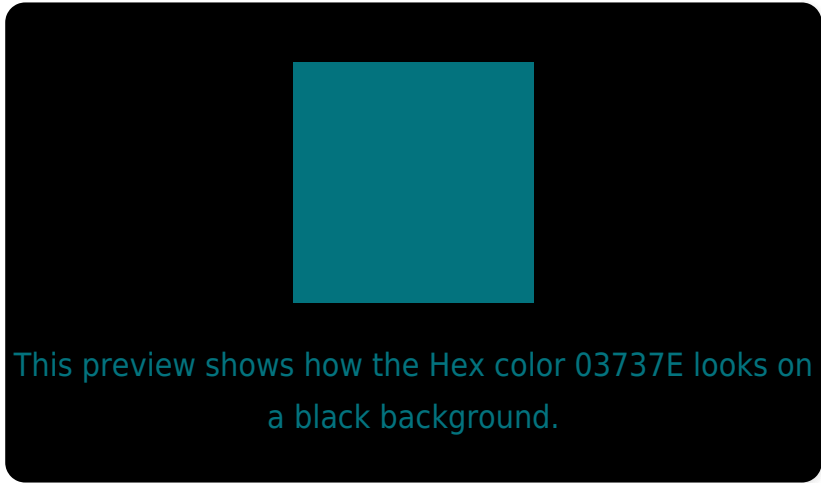
Large Text (above 18pt) WCAG AA ✓ Pass

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 03737E Background



This preview shows how black text looks on a background with the Hex color 03737E.

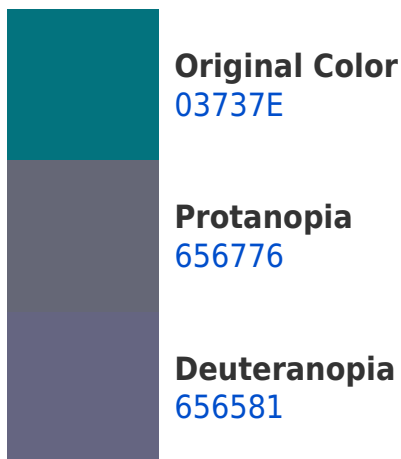


This preview shows how white text looks on a background with the Hex color 03737E.

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](#).

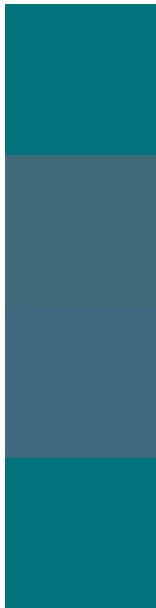
Dichromacy





Tritanopia
00737D

Trichromacy



Original Color
03737E

Protanomaly
416B79

Deuteranomaly
416A80

Tritanomaly
01737D

Monochromacy



Original Color
03737E

Achromatopsia
535353

Achromatomaly
365F63

CSS Examples

Text

The CSS property to change the color of the text to Hex 03737E 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 #03737E looks like.

```
.text, #text, p{  
    color:#03737E  
}
```

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 #03737E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03737E
}
```

Border

The CSS property to change the border of an element to Hex 03737E 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
#03737E }
```

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

```
.border{ border-color:#03737E }
```

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

Here you see how a box with a 4 pixel #03737E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03737E; -webkit-box-shadow:4px 4px  
4px 4px #03737E; box-shadow:4px 4px 4px  
4px #03737E }
```

Background

The CSS property to change the background color of an element to Hex 03737E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03737E }
```

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

```
.background{ background-color:#03737E }
```

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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