

Converting Colors

Hex(40737F)

Have a look what the booklet for
Hex(40737F) contains.

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Color

Hex(40737F)

Conversions

Conversions Part 1

Format	Color
Hex	40737F
RGB	64, 115, 127
RGB Percent	25%, 45%, 50%
CMY	0.7490, 0.5490, 0.5020
CMYK	0.50, 0.09, 0.00, 0.50
HSL	191°, 33%, 37%
HSV	191°, 50%, 50%
XYZ	12.0759, 14.8838, 22.3151
YIQ	101.1190, -34.2480, -7.0800

Conversions

Conversions Part 2

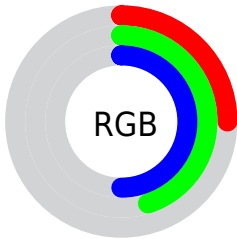
Format	Color
RYB	64, 92, 127
Decimal	4223871
CIELab	45.47, -13.62, -11.93
CIElCh	45, 18.101, 221.214
Yxy	14.8838, 0.2451, 0.3021
Android (android.graphics.Color)	4282413951 (0xFF40737F)
YUV	101.1190, 12.7593, -32.5534
Hunter-Lab	38.5795, -11.6414, -7.2888

Details

The Hex color **40737F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7F4C40**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **74A7B4**, and **04434E** is the 20% darker color. If you saturate the color by 10%, you get **33717F**, and if you desaturate by 10%, it is **4D757F**.

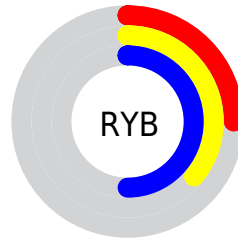
Distribution



Red (25%)

Green (45%)

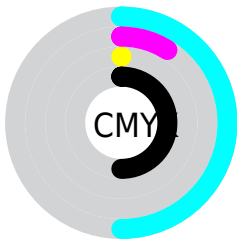
Blue (50%)



Red (25%)

Yellow (36%)

Blue (50%)

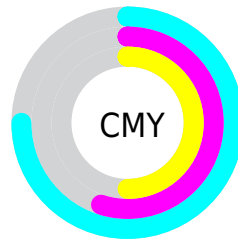


Cyan (50%)

Magenta (9%)

Yellow (0%)

Black (50%)



Cyan (75%)

Magenta (55%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40737F 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 40737F by changing the saturation by 10% instead.

■ 40737F

■ 40737F

FFFFFF

■ 265A66

■ 74A7B4

■ 04434E

■ 8FC2CF

■ 002D37

■ AADEEB

■ 001922

■ C6FBFF

■ 00000A

■ E3FFFF

■ 000000

■ 40737F

■ 40737F

■ 33717F

■ 4D757F

■ 276E7F

■ 59787F

■ 1A6C7F

■ 667A7F

■ 0D697F

■ 737D7F

■ 00677F

■ 807F7F

■ 8C827F

■ 99847F

■ A6867F

■ B2897F

Harmonies

Analogous

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



427471



40737F



4D7088

Triad

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



40737F



846276



716C4E

Complementary

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



40737F



7F4C40

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.



7F674F



40737F



8A6166

Square

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



40737F



756682



886358



607155

Rectangle

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



40737F



5A6D8A



886358



766B4D

Sweetspot

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



40737F



8DA1A6



407F4C



455154



D4D4D4



545454

Same Dimension

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



40737F



4293A6



40547F



393F40



006780



000000

Inverse Universe

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



7F4073



A64293



7F6B40



40393F



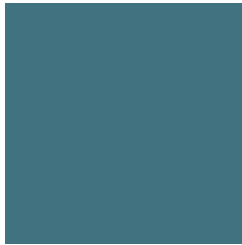
800067



000000

Previews

White Background



This preview shows how the Hex color 40737F looks on a white background.

Color Contrast Check

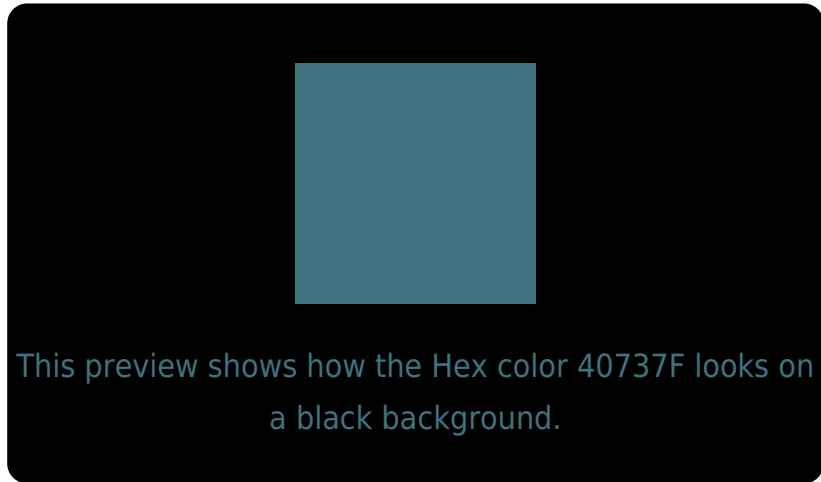
Large Text (above 18pt) WCAG AA ✓ Pass

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

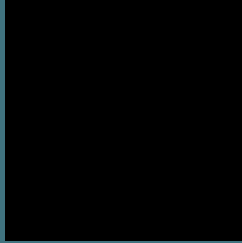
Any Text WCAG AA × Fail

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 40737F Background



This preview shows how black text looks on a background with the Hex color 40737F.

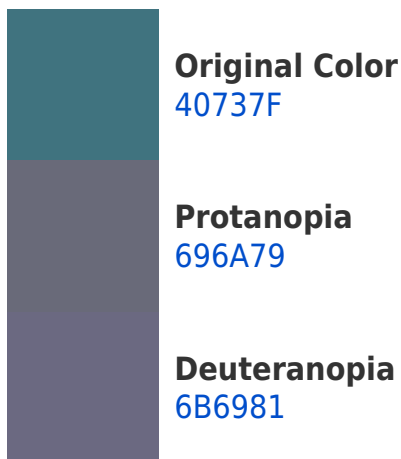


This preview shows how white text looks on a background with the Hex color 40737F.

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
3F737D

Trichromacy



Original Color
40737F

Protanomaly
5A6D7B

Deuteranomaly
5B6D80

Tritanomaly
3F737E

Monochromacy



Original Color
40737F

Achromatopsia
656565

Achromatomaly
586A6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 40737F 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 #40737F looks like.

```
.text, #text, p{  
    color:#40737F  
}
```

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 #40737F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40737F
}
```

Border

The CSS property to change the border of an element to Hex 40737F 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
#40737F }
```

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

```
.border{ border-color:#40737F }
```

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

Here you see how a box with a 4 pixel #40737F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40737F; -webkit-box-shadow:4px 4px  
4px 4px #40737F; box-shadow:4px 4px 4px  
4px #40737F }
```

Background

The CSS property to change the background color of an element to Hex 40737F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40737F }
```

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

```
.background{ background-color:#40737F }
```

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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