

Converting Colors

Hex(40707E)

Have a look what the booklet for
Hex(40707E) contains.

Hex(40707E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(40707E)

Conversions

Conversions Part 1

Format	Color
Hex	40707E
RGB	64, 112, 126
RGB Percent	25%, 44%, 49%
CMY	0.7490, 0.5608, 0.5059
CMYK	0.49, 0.11, 0.00, 0.51
HSL	194°, 33%, 37%
HSV	194°, 49%, 49%
XYZ	11.6744, 14.1847, 21.8613
YIQ	99.2440, -33.1020, -5.8220

Conversions

Conversions Part 2

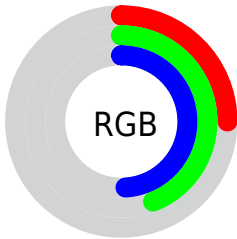
Format	Color
R _{YB}	64, 91, 126
Decimal	4223102
CIE _{Lab}	44.50, -12.22, -12.81
CIE _{LCh}	44, 17.701, 226.350
Y _{xy}	14.1847, 0.2446, 0.2972
Android (android.graphics.Color)	4282413182 (0xFF40707E)
Y _{UV}	99.2440, 13.1907, -30.9090
Hunter-Lab	37.6626, -10.5791, -8.0511

Details

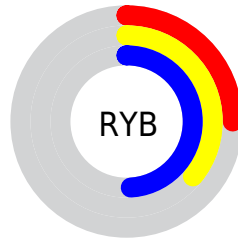
The Hex color **40707E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E4E40**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **74A4B3**, and **06404D** is the 20% darker color. If you saturate the color by 10%, you get **336D7E**, and if you desaturate by 10%, it is **4D737E**.

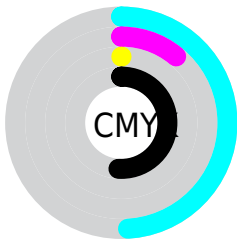
Distribution



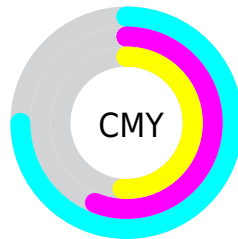
- Red (25%)
- Green (44%)
- Blue (49%)



- Red (25%)
- Yellow (36%)
- Blue (49%)



- Cyan (49%)
- Magenta (11%)
- Yellow (0%)
- Black (51%)



- Cyan (75%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40707E 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 40707E by changing the saturation by 10% instead.

■ 40707E

■ 40707E

FFFFFF

■ 265865

■ 74A4B3

■ 06404D

■ 8FBFCE

■ 002A36

■ AADBEA

■ 001621

■ C6F7FF

■ 000008

■ E2FFFF

■ 000000

■ 40707E

■ 40707E

■ 336D7E

■ 4D737E

■ 276A7E

■ 59767E

■ 1A677E

■ 66797E

■ 0E657E

■ 727B7E

■ 01627E

■ 7F7E7E

■ 00627E

■ 8C817E

■ 98847E

■ A5877E

■ B18A7E

Harmonies

Analogous

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



3F7271



40707E



4E6D85

Triad

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



40707E



825F71



6C6B4D

Complementary

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



40707E



7E4E40

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.



7A664D



40707E



875F62

Square

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



40707E



75637E



846155



5B6F55

Rectangle

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



40707E



5C6A86



846155



71694C

Sweetspot

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



40707E



8B9EA3



407E4D



434E52



D1D1D1



525252

Same Dimension

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



40707E



438DA3



40527E



393E40



006380



000000

Inverse Universe

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



7E4070



A3438D



7E6C40



40393E



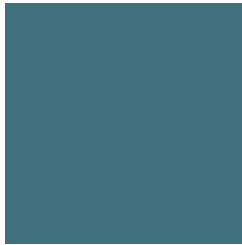
800063



000000

Previews

White Background



This preview shows how the Hex color 40707E looks on a white background.

Color Contrast Check

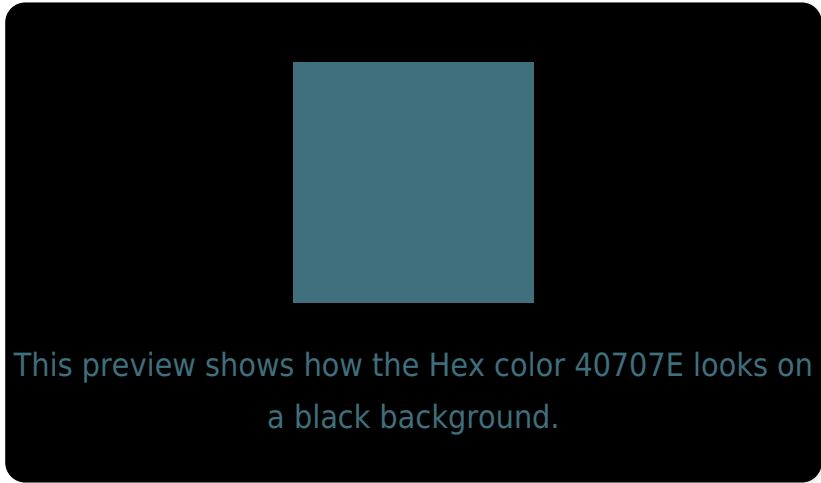
Large Text (above 18pt) WCAG AA ✓ Pass

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

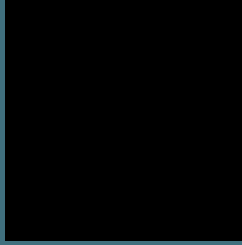
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

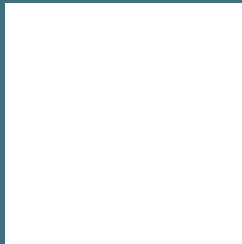
Any Text WCAG AAA × Fail

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

Hex 40707E Background



This preview shows how black text looks on a background with the Hex color 40707E.

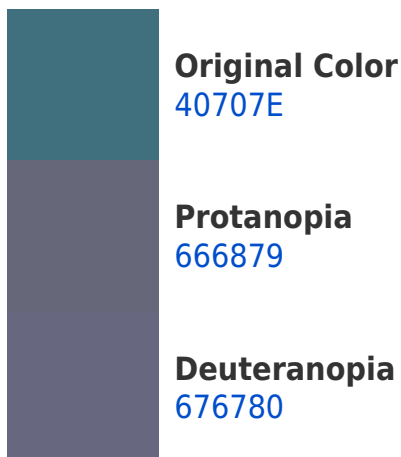


This preview shows how white text looks on a background with the Hex color 40707E.

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
3F717A

Trichromacy



Original Color
40707E

Protanomaly
586B7B

Deuteranomaly
596A7F

Tritanomaly
3F717B

Monochromacy



Original Color
40707E

Achromatopsia
636363

Achromatomaly
56686D

CSS Examples

Text

The CSS property to change the color of the text to Hex 40707E 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 #40707E looks like.

```
.text, #text, p{  
    color:#40707E  
}
```

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 #40707E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40707E
}
```

Border

The CSS property to change the border of an element to Hex 40707E 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
#40707E }
```

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

```
.border{ border-color:#40707E }
```

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

Here you see how a box with a 4 pixel #40707E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40707E; -webkit-box-shadow:4px 4px  
4px 4px #40707E; box-shadow:4px 4px 4px  
4px #40707E }
```

Background

The CSS property to change the background color of an element to Hex 40707E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40707E }
```

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

```
.background{ background-color:#40707E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor