

Converting Colors

Hex(40677E)

Have a look what the booklet for
Hex(40677E) contains.

Hex(40677E)	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(40677E)

Conversions

Conversions Part 1

Format	Color
Hex	40677E
RGB	64, 103, 126
RGB Percent	25%, 40%, 49%
CMY	0.7490, 0.5961, 0.5059
CMYK	0.49, 0.18, 0.00, 0.51
HSL	202°, 33%, 37%
HSV	202°, 49%, 49%
XYZ	10.7305, 12.2968, 21.5466
YIQ	93.9610, -30.6270, -1.1150

Conversions

Conversions Part 2

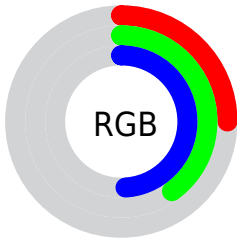
Format	Color
R_{YB}	64, 88, 126
Decimal	4220798
CIE _{Lab}	41.68, -6.98, -17.09
CIE _{LCh}	42, 18.463, 247.779
Yxy	12.2968, 0.2407, 0.2759
Android (android.graphics.Color)	4282410878 (0xFF40677E)
YUV	93.9610, 15.7952, -26.2758
Hunter-Lab	35.0669, -6.7458, -11.8836

Details

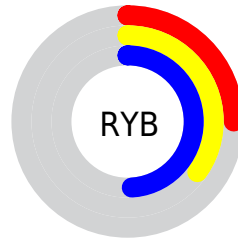
The Hex color **40677E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E5740**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **739AB3**, and **08384D** is the 20% darker color. If you saturate the color by 10%, you get **33627E**, and if you desaturate by 10%, it is **4D6C7E**.

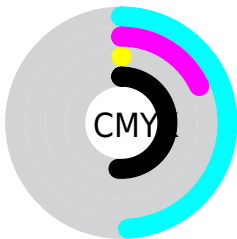
Distribution



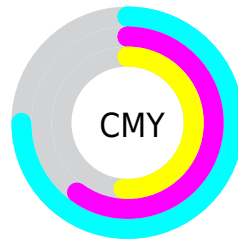
- Red (25%)
- Green (40%)
- Blue (49%)



- Red (25%)
- Yellow (35%)
- Blue (49%)



- Cyan (49%)
- Magenta (18%)
- Yellow (0%)
- Black (51%)



- Cyan (75%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40677E 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 40677E by changing the saturation by 10% instead.

■ 40677E

■ 40677E

FFFFFF

■ 264F65

■ 739AB3

■ 08384D

■ 8EB5CE

■ 002336

■ A9D0EA

■ 000D21

■ C5EDFF

■ 000007

■ E2FFFF

■ 000000

■ 40677E

■ 40677E

■ 33627E

■ 4D6C7E

■ 275E7E

■ 59707E

1A597E

66757E

0E547E

727A7E

01507E

7F7E7E

004F7E

8C837E

98887E

A58C7E

B1917E

Harmonies

Analogous

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



346A74



40677E



556280

Triad

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



40677E



81575F



59674A

Complementary

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



40677E



7E5740

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.



696344



40677E



7F5950

Square

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



40677E



79596E



775E47



476A56

Rectangle

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



40677E



635F7D



775E47



5E6647

Sweetspot

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



40677E



8B9AA3



407E57



434C52



D1D1D1



525252

Same Dimension

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



40677E



437FA3



40487E



393D40



005080



000000

Inverse Universe

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



7E4067



A3437F



7E7640



40393D



800050



000000

Previews

White Background



This preview shows how the Hex color 40677E 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

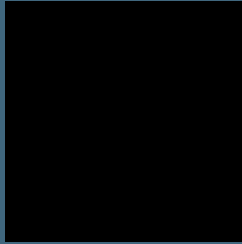
Any Text WCAG AA × Fail

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 40677E Background



This preview shows how black text looks on a background with the Hex color 40677E.



This preview shows how white text looks on a background with the Hex color 40677E.

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
3C6972

Trichromacy



Original Color
40677E

Protanomaly
52637B

Deuteranomaly
52637F

Tritanomaly
3D6876

Monochromacy



Original Color
40677E

Achromatopsia
5E5E5E

Achromatomaly
53616A

CSS Examples

Text

The CSS property to change the color of the text to Hex 40677E 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 #40677E looks like.

```
.text, #text, p{  
    color:#40677E  
}
```

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 #40677E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40677E
}
```

Border

The CSS property to change the border of an element to Hex 40677E 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
#40677E }
```

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

```
.border{ border-color:#40677E }
```

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

Here you see how a box with a 4 pixel #40677E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40677E; -webkit-box-shadow:4px 4px  
4px 4px #40677E; box-shadow:4px 4px 4px  
4px #40677E }
```

Background

The CSS property to change the background color of an element to Hex 40677E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40677E }
```

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

```
.background{ background-color:#40677E }
```

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