

Converting Colors

Hex(40647C)

Have a look what the booklet for
Hex(40647C) contains.

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Color

Hex(40647C)

Conversions

Conversions Part 1

Format	Color
Hex	40647C
RGB	64, 100, 124
RGB Percent	25%, 39%, 49%
CMY	0.7490, 0.6078, 0.5137
CMYK	0.48, 0.19, 0.00, 0.51
HSL	204°, 32%, 37%
HSV	204°, 48%, 49%
XYZ	10.3096, 11.6596, 20.7759
YIQ	91.9720, -29.1600, -0.1680

Conversions

Conversions Part 2

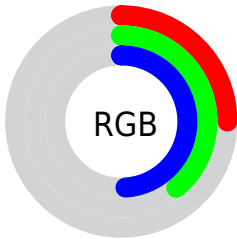
Format	Color
R_{YB}	64, 87, 124
Decimal	4220028
CIE _{Lab}	40.67, -5.81, -17.43
CIE _{LCh}	41, 18.378, 251.562
Yxy	11.6596, 0.2412, 0.2728
Android (android.graphics.Color)	4282410108 (0xFF40647C)
YUV	91.9720, 15.7898, -24.5314
Hunter-Lab	34.1461, -5.8618, -12.1723

Details

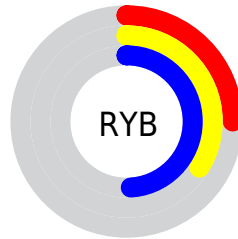
The Hex color **40647C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7C5840**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7397B1**, and **09354B** is the 20% darker color. If you saturate the color by 10%, you get **345F7C**, and if you desaturate by 10%, it is **4C697C**.

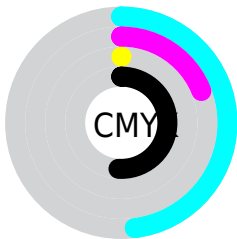
Distribution



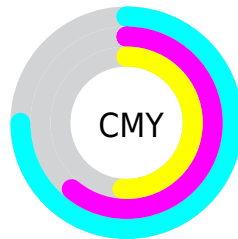
- Red (25%)
- Green (39%)
- Blue (49%)



- Red (25%)
- Yellow (34%)
- Blue (49%)



- Cyan (48%)
- Magenta (19%)
- Yellow (0%)
- Black (51%)



- Cyan (75%)
- Magenta (61%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40647C 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 40647C by changing the saturation by 10% instead.



40647C



40647C

FFFFFF



274C63



7397B1



09354B



8EB1CC



002034



A9CDE8



00061F



C5E9FF



000003



E1FFFF



000000

FEFFFF



40647C



40647C



345F7C



4C697C

■ 275A7C

■ 596E7C

■ 1B557C

■ 65737C

■ 0E507C

■ 72787C

■ 024B7C

■ 7E7D7C

■ 004A7C

■ 8A827C

■ 97877C

■ A38C7C

■ B0917C

Harmonies

Analogous

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



336773



40647C



555F7D

Triad

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



40647C



7E555B



546549

Complementary

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



40647C



7C5840

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.



656142



40647C



7C574D

Square

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



40647C



78566A



735C44



436856

Rectangle

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



40647C



635C79



735C44



5A6446

Sweetspot

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



40647C



8997A1



407C58



434C52



D1D1D1



525252

Same Dimension

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



40647C



437BA1



40467C



373B3D



004B7D



0097FC

Inverse Universe

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



7C4064



A1437B



7C7640



3D373B



7D004B



FC0097

Previews

White Background



This preview shows how the Hex color 40647C looks on a white background.

Color Contrast Check

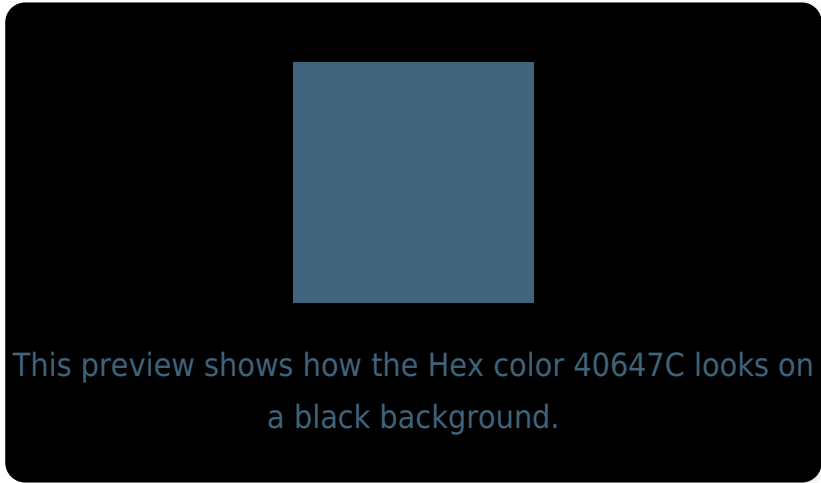
Large Text (above 18pt) WCAG AA ✓ Pass

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

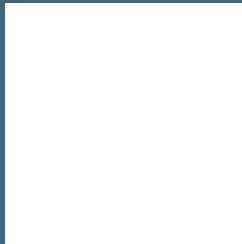
Any Text WCAG AAA × Fail

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

Hex 40647C Background



This preview shows how black text looks on a background with the Hex color 40647C.




This preview shows how white text looks on a background with the Hex color 40647C.

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](#).

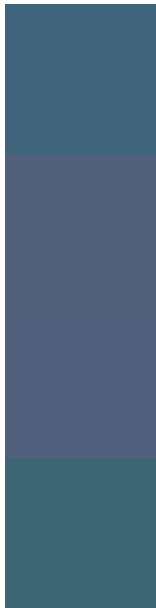
Dichromacy





Tritanopia
3C666F

Trichromacy



Original Color
40647C

Protanomaly
506179

Deuteranomaly
50607D

Tritanomaly
3D6574

Monochromacy



Original Color
40647C

Achromatopsia
5C5C5C

Achromatomaly
525F68

CSS Examples

Text

The CSS property to change the color of the text to Hex 40647C 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 #40647C looks like.

```
.text, #text, p{  
    color:#40647C  
}
```

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 #40647C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40647C
}
```

Border

The CSS property to change the border of an element to Hex 40647C is called "border". The border property can be set on classes, ids or directly on the HTML element.

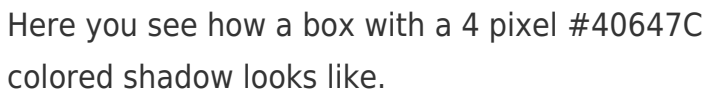
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40647C }
```

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

```
.border{ border-color:#40647C }
```

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



Here you see how a box with a 4 pixel #40647C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40647C; -webkit-box-shadow:4px 4px  
4px 4px #40647C; box-shadow:4px 4px 4px  
4px #40647C }
```

Background

The CSS property to change the background color of an element to Hex 40647C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40647C }
```

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

```
.background{ background-color:#40647C }
```

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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