

Converting Colors

Hex(40687F)

Have a look what the booklet for
Hex(40687F) contains.

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Color

Hex(40687F)

Conversions

Conversions Part 1

Format	Color
Hex	40687F
RGB	64, 104, 127
RGB Percent	25%, 41%, 50%
CMY	0.7490, 0.5922, 0.5020
CMYK	0.50, 0.18, 0.00, 0.50
HSL	202°, 33%, 37%
HSV	202°, 50%, 50%
XYZ	10.8954, 12.5229, 21.9216
YIQ	94.6620, -31.2230, -1.3270

Conversions

Conversions Part 2

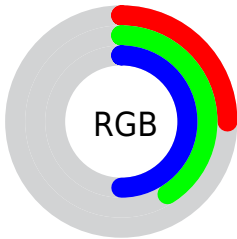
Format	Color
R_{YB}	64, 88, 127
Decimal	4221055
CIE _{Lab}	42.04, -7.27, -17.16
CIE _{LCh}	42, 18.633, 247.052
Yxy	12.5229, 0.2403, 0.2762
Android (android.graphics.Color)	4282411135 (0xFF40687F)
YUV	94.6620, 15.9426, -26.8906
Hunter-Lab	35.3877, -6.9707, -11.9569

Details

The Hex color **40687F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7F5740**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **749BB4**, and **07394E** is the 20% darker color. If you saturate the color by 10%, you get **33637F**, and if you desaturate by 10%, it is **4D6D7F**.

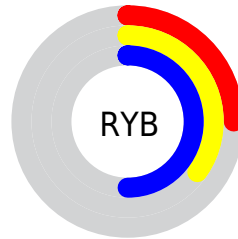
Distribution



Red (25%)

Green (41%)

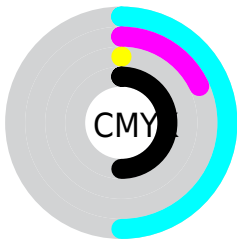
Blue (50%)



Red (25%)

Yellow (35%)

Blue (50%)

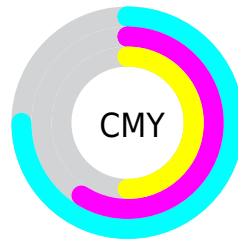


Cyan (50%)

Magenta (18%)

Yellow (0%)

Black (50%)



Cyan (75%)

Magenta (59%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40687F 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 40687F by changing the saturation by 10% instead.

■ 40687F

■ 40687F

FFFFFF

■ 265066

■ 749BB4

■ 07394E

■ 8EB6CF

■ 002437

■ A9D2EC

■ 000E22

■ C5EEFF

■ 000008

■ E2FFFF

■ 000000

■ 40687F

■ 40687F

■ 33637F

■ 4D6D7F

■ 275F7F

■ 59717F

■ 1A5A7F

■ 66767F

■ 0D557F

■ 737B7F

■ 00517F

■ 807F7F

■ 8C847F

■ 99887F

■ A68D7F

■ B2927F

Harmonies

Analogous

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



346B75



40687F



556381

Triad

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



40687F



825860



5A684A

Complementary

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



40687F



7F5740

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.



6B6345



40687F



815A51

Square

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



40687F



7A5A6F



785E47



486B57

Rectangle

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



40687F



63607E



785E47



606648

Sweetspot

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



40687F



8D9DA6



407F56



454F54



D4D4D4



545454

Same Dimension

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



40687F



4281A6



40497F



393D40



005180



000000

Inverse Universe

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



7F4068



A64281



7F7640



40393D



800051



000000

Previews

White Background



This preview shows how the Hex color 40687F looks on a white background.

Color Contrast Check

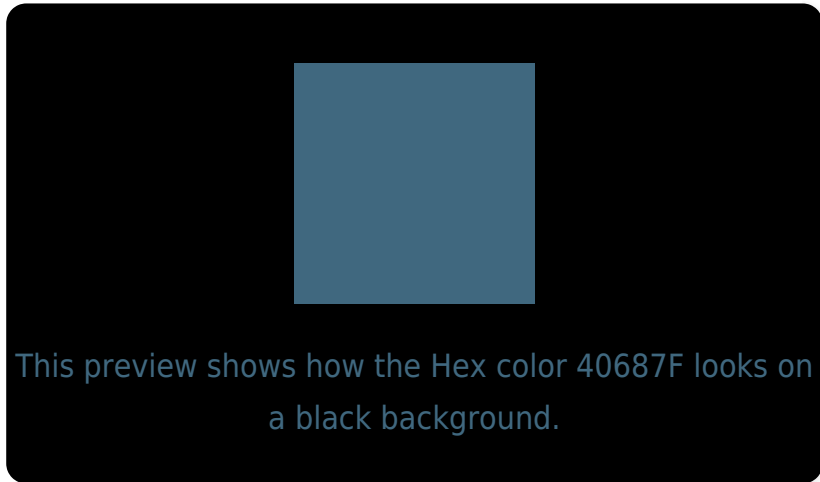
Large Text (above 18pt) WCAG AA ✓ Pass

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

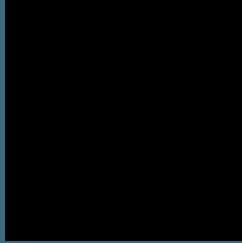
Any Text WCAG AA × Fail

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 40687F Background



This preview shows how black text looks on a background with the Hex color 40687F.



This preview shows how white text looks on a background with the Hex color 40687F.

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



Original Color
40687F

Protanopia
5D627B

Deuteranopia
5D6180



Tritanopia
3C6A73

Trichromacy



Original Color
40687F

Protanomaly
52647C

Deuteranomaly
526480

Tritanomaly
3D6977

Monochromacy



Original Color
40687F

Achromatopsia
5F5F5F

Achromatomaly
54626B

CSS Examples

Text

The CSS property to change the color of the text to Hex 40687F 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 #40687F looks like.

```
.text, #text, p{  
    color:#40687F  
}
```

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 #40687F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40687F
}
```

Border

The CSS property to change the border of an element to Hex 40687F 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
#40687F }
```

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

```
.border{ border-color:#40687F }
```

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

Here you see how a box with a 4 pixel #40687F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40687F; -webkit-box-shadow:4px 4px  
4px 4px #40687F; box-shadow:4px 4px 4px  
4px #40687F }
```

Background

The CSS property to change the background color of an element to Hex 40687F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40687F }
```

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

```
.background{ background-color:#40687F }
```

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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