

Converting Colors

Hex(38607E)

Have a look what the booklet for
Hex(38607E) contains.

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Color

Hex(38607E)

Conversions

Conversions Part 1

Format	Color
Hex	38607E
RGB	56, 96, 126
RGB Percent	22%, 38%, 49%
CMY	0.7804, 0.6235, 0.5059
CMYK	0.56, 0.24, 0.00, 0.51
HSL	206°, 38%, 36%
HSV	206°, 56%, 49%
XYZ	9.5797, 10.7129, 21.3015
YIQ	87.4600, -33.4700, 0.8500

Conversions

Conversions Part 2

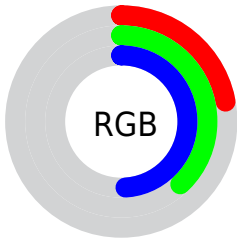
Format	Color
RYB	56, 81, 126
Decimal	3694718
CIELab	39.09, -4.78, -21.12
CIElCh	39, 21.651, 257.245
Yxy	10.7129, 0.2303, 0.2576
Android (android.graphics.Color)	4281884798 (0xFF38607E)
YUV	87.4600, 19.0002, -27.5904
Hunter-Lab	32.7305, -5.0345, -15.6756

Details

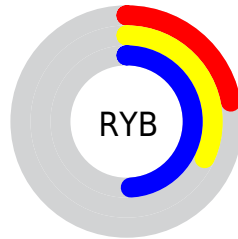
The Hex color **38607E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7E5638**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6C92B3**, and **00324D** is the 20% darker color. If you saturate the color by 10%, you get **2B5B7E**, and if you desaturate by 10%, it is **45657E**.

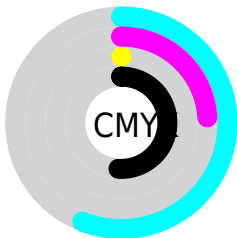
Distribution



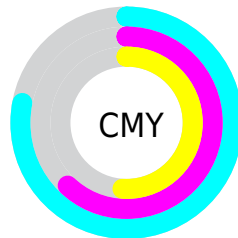
- Red (22%)
- Green (38%)
- Blue (49%)



- Red (22%)
- Yellow (32%)
- Blue (49%)



- Cyan (56%)
- Magenta (24%)
- Yellow (0%)
- Black (51%)



- Cyan (78%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38607E 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 38607E by changing the saturation by 10% instead.

■ 38607E

■ 38607E

FFFFFF

■ 1D4865

■ 6C92B3

■ 00324D

■ 87ADCE

■ 001D36

■ A2C8EB

■ 000221

■ BEE4FF

■ 000006

■ DAFFFF

■ 000000

■ F7FFFF

■ 38607E

■ 38607E

■ 2B5B7E

■ 45657E

■ 1F557E

■ 516B7E

■ 12507E

■ 5E707E

■ 064A7E

■ 6A767E

■ 00487E

■ 777B7E

■ 84807E

■ 90867E

■ 9D8B7E

■ A9917E

Harmonies

Analogous

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



216475



38607E



545A7E

Triad

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



38607E



7F4F52



4A6344

Complementary

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



38607E



7E5638

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.



5E5E3A



38607E



7B5343

Square

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



38607E



7A4F64



6F583A



356554

Rectangle

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



38607E



645678



6F583A



516140

Sweetspot

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



38607E



8797A3



387E55



414B52



D1D1D1



525252

Same Dimension

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



38607E



3674A3



383E7E



393D40



004980



000000

Inverse Universe

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



7E3860



A33674



7E7838



40393D



800049



000000

Previews

White Background



This preview shows how the Hex color 38607E looks on a white background.

Color Contrast Check

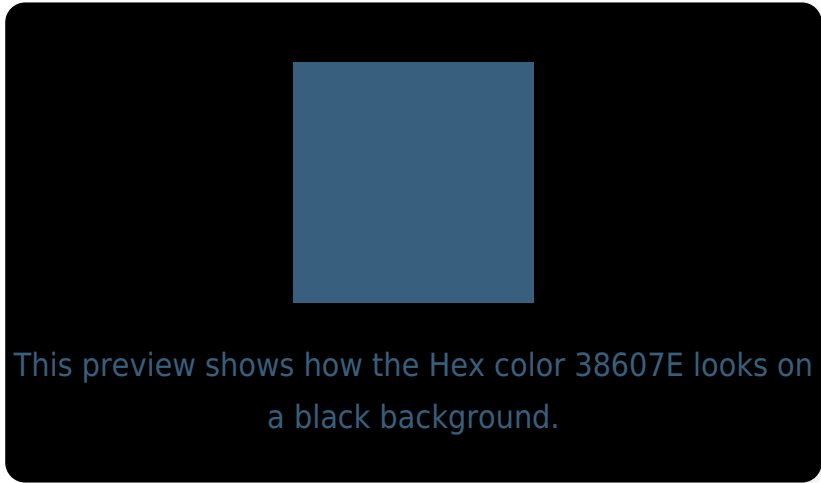
Large Text (above 18pt) WCAG AA ✓ Pass

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

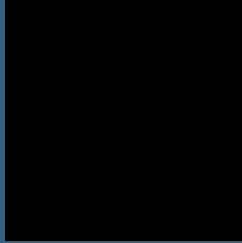
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

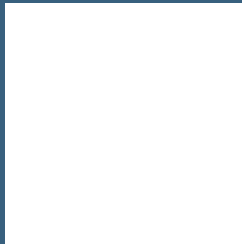
Any Text WCAG AAA × Fail

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

Hex 38607E Background



This preview shows how black text looks on a background with the Hex color 38607E.



This preview shows how white text looks on a background with the Hex color 38607E.

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](#).

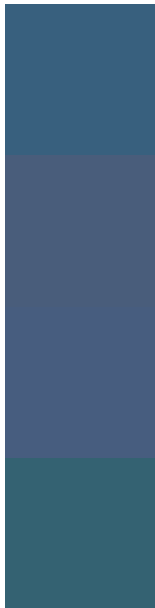
Dichromacy





Tritanopia
31636B

Trichromacy



Original Color
38607E

Protanomaly
495D7B

Deuteranomaly
475D7F

Tritanomaly
346272

Monochromacy



Original Color
38607E

Achromatopsia
575757

Achromatomaly
4C5A65

CSS Examples

Text

The CSS property to change the color of the text to Hex 38607E 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 #38607E looks like.

```
.text, #text, p{  
    color:#38607E  
}
```

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 #38607E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38607E
}
```

Border

The CSS property to change the border of an element to Hex 38607E 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
#38607E }
```

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

```
.border{ border-color:#38607E }
```

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

Here you see how a box with a 4 pixel #38607E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38607E; -webkit-box-shadow:4px 4px  
4px 4px #38607E; box-shadow:4px 4px 4px  
4px #38607E }
```

Background

The CSS property to change the background color of an element to Hex 38607E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38607E }
```

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

```
.background{ background-color:#38607E }
```

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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