

Converting Colors

Hex(38777C)

Have a look what the booklet for
Hex(38777C) contains.

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Color

Hex(38777C)

Conversions

Conversions Part 1

Format	Color
Hex	38777C
RGB	56, 119, 124
RGB Percent	22%, 47%, 49%
CMY	0.7804, 0.5333, 0.5137
CMYK	0.55, 0.04, 0.00, 0.51
HSL	184°, 38%, 35%
HSV	184°, 55%, 49%
XYZ	11.8658, 15.4896, 21.4332
YIQ	100.7330, -39.1530, -11.8010

Conversions

Conversions Part 2

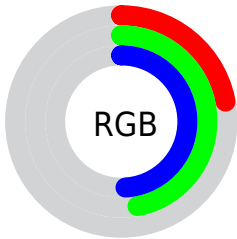
Format	Color
RYB	56, 89, 124
Decimal	3700604
CIELab	46.30, -18.63, -8.93
CIELCh	46, 20.661, 205.617
Yxy	15.4896, 0.2432, 0.3175
Android (android.graphics.Color)	4281890684 (0xFF38777C)
YUV	100.7330, 11.4706, -39.2308
Hunter-Lab	39.3569, -15.0581, -4.7387

Details

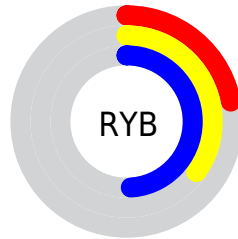
The Hex color **38777C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C3D38**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **6DABB0**, and **00464B** is the 20% darker color. If you saturate the color by 10%, you get **2C767C**, and if you desaturate by 10%, it is **44787C**.

Distribution



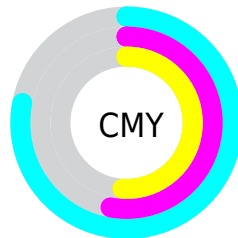
- Red (22%)
- Green (47%)
- Blue (49%)



- Red (22%)
- Yellow (35%)
- Blue (49%)



- Cyan (55%)
- Magenta (4%)
- Yellow (0%)
- Black (51%)



- Cyan (78%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38777C 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 38777C by changing the saturation by 10% instead.

■ 38777C

■ 38777C

FFFFFF

■ 1B5E63

■ 6DABB0

■ 00464B

■ 88C7CC

■ 003035

■ A4E3E8

■ 001C1F

■ C0FFFF

■ 000006

■ DCFFFF

■ 000000

■ FAFFFF

■ 38777C

■ 38777C

■ 2C767C

■ 44787C

■ 1F757C

■ 51797C

■ 13747C

■ 5D7A7C

■ 06737C

■ 6A7B7C

■ 00737C

■ 767C7C

■ 827C7C

■ 8F7D7C

■ 9B7E7C

■ A87F7C

Harmonies

Analogous

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



43776A



38777C



3E758A

Triad

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



38777C



816481



7C6C4B

Complementary

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



38777C



7C3D38

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.



8A6652



38777C



8E6171

Square

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



38777C



6D6A8D



906260



6A714E

Rectangle

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



38777C



4C728F



906260



826A4C

Sweetspot

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



38777C



879FA1



387C3D



425052



D1D1D1



525252

Same Dimension

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



38777C



3799A1



38557C



373D3D



00747D



00EAFC

Inverse Universe

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



7C3877



A13799



7C5F38



3D373D



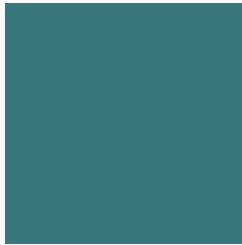
7D0074



FC00EA

Previews

White Background



This preview shows how the Hex color 38777C looks on a white background.

Color Contrast Check

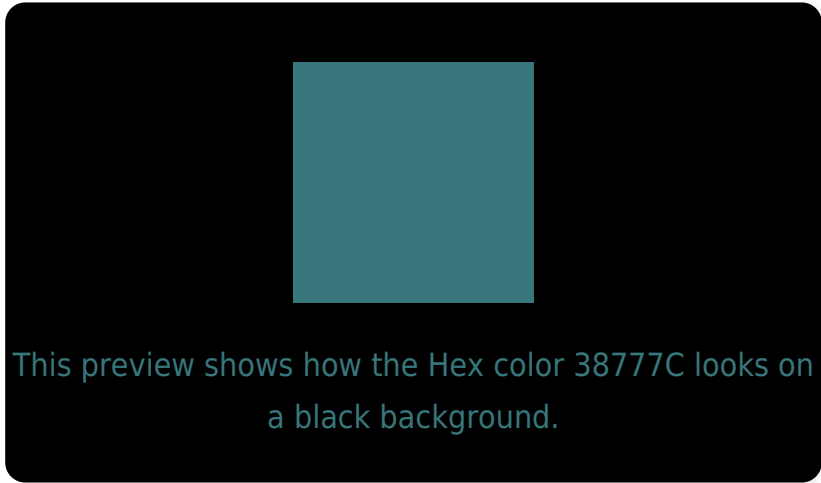
Large Text (above 18pt) WCAG AA ✓ Pass

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

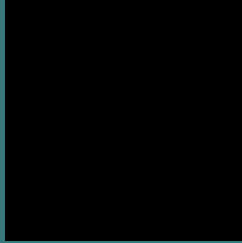
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

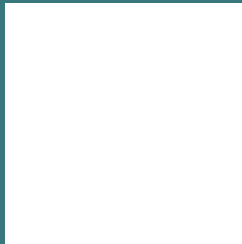
Any Text WCAG AAA × Fail

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

Hex 38777C Background



This preview shows how black text looks on a background with the Hex color 38777C.

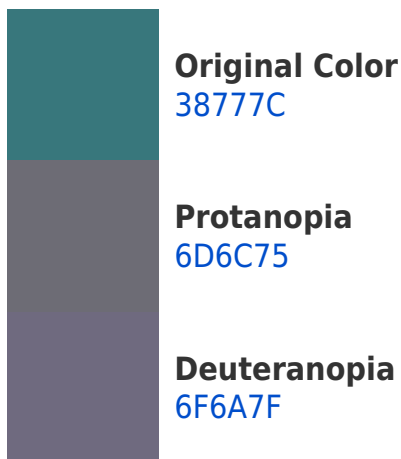



This preview shows how white text looks on a background with the Hex color 38777C.

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
3A7680

Trichromacy



Original Color
38777C

Protanomaly
5A7078

Deuteranomaly
5B6F7E

Tritanomaly
39767F

Monochromacy



Original Color
38777C

Achromatopsia
656565

Achromatomaly
556C6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 38777C 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 #38777C looks like.

```
.text, #text, p{  
    color:#38777C  
}
```

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 #38777C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38777C
}
```

Border

The CSS property to change the border of an element to Hex 38777C 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
#38777C }
```

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

```
.border{ border-color:#38777C }
```

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

Here you see how a box with a 4 pixel #38777C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38777C; -webkit-box-shadow:4px 4px  
4px 4px #38777C; box-shadow:4px 4px 4px  
4px #38777C }
```

Background

The CSS property to change the background color of an element to Hex 38777C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38777C }
```

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

```
.background{ background-color:#38777C }
```

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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