

Converting Colors

Hex(38757B)

Have a look what the booklet for
Hex(38757B) contains.

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Color

Hex(38757B)

Conversions

Conversions Part 1

Format	Color
Hex	38757B
RGB	56, 117, 123
RGB Percent	22%, 46%, 48%
CMY	0.7804, 0.5412, 0.5176
CMYK	0.54, 0.05, 0.00, 0.52
HSL	185°, 37%, 35%
HSV	185°, 54%, 48%
XYZ	11.5673, 14.9934, 21.0232
YIQ	99.4450, -38.2820, -11.0660

Conversions

Conversions Part 2

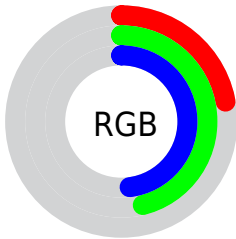
Format	Color
RYB	56, 88, 123
Decimal	3700091
CIELab	45.63, -17.84, -9.35
CIELCh	46, 20.144, 207.643
Yxy	14.9934, 0.2431, 0.3151
Android (android.graphics.Color)	4281890171 (0xFF38757B)
YUV	99.4450, 11.6126, -38.1013
Hunter-Lab	38.7213, -14.4385, -5.0858




Details

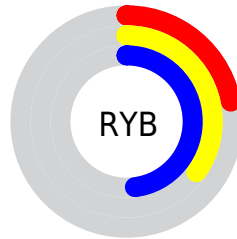
The Hex color **38757B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B3E38**, and the grayscale version is **636363**.




A 20% lighter version of the original color is **6DA9AF**, and **00444A** is the 20% darker color. If you saturate the color by 10%, you get **2C747B**, and if you desaturate by 10%, it is **44767B**.

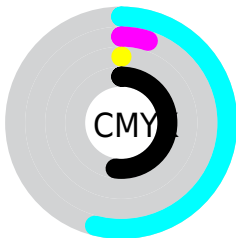
Distribution







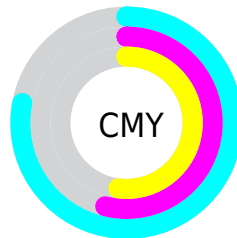
-  Red (22%)
-  Green (46%)
-  Blue (48%)






-  Red (22%)
-  Yellow (35%)
-  Blue (48%)



-  Cyan (54%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (78%)
-  Magenta (54%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38757B 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 38757B by changing the saturation by 10% instead.

■ 38757B

■ 38757B

FFFFFF

■ 1B5C62

■ 6DA9AF

■ 00444A

■ 88C5CB

■ 002E34

■ A3E1E7

■ 001B1F

■ BFFDFD

■ 000004

■ DCFFFF

■ 000000

■ F9FFFF

■ 38757B

■ 38757B

■ 2C747B

■ 44767B

■ 1F737B

■ 51777B

■ 13727B

■ 5D787B

■ 07717B

■ 69797B

■ 00707B

■ 767B7B

■ 827C7B

■ 8E7D7B

■ 9A7E7B

■ A77F7B

Harmonies

Analogous

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



42756A



38757B



3F7388

Triad

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



38757B



80637E



796A4A

Complementary

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



38757B



7B3E38

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.



876550



38757B



8C606E

Square

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



38757B



6D688A



8E615D



68704E

Rectangle

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



38757B



4D708C



8E615D



7E694B

Sweetspot

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



38757B



879EA1



387B3E



425052



D1D1D1



525252

Same Dimension

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



38757B



3897A1



38547B



373D3D



00727D



00E6FC

Inverse Universe

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



7B3875



A13897



7B5F38



3D373D



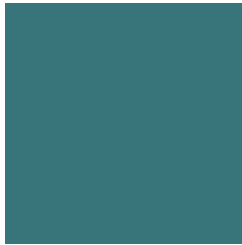
7D0072



FC00E6

Previews

White Background



This preview shows how the Hex color 38757B looks on a white background.

Color Contrast Check

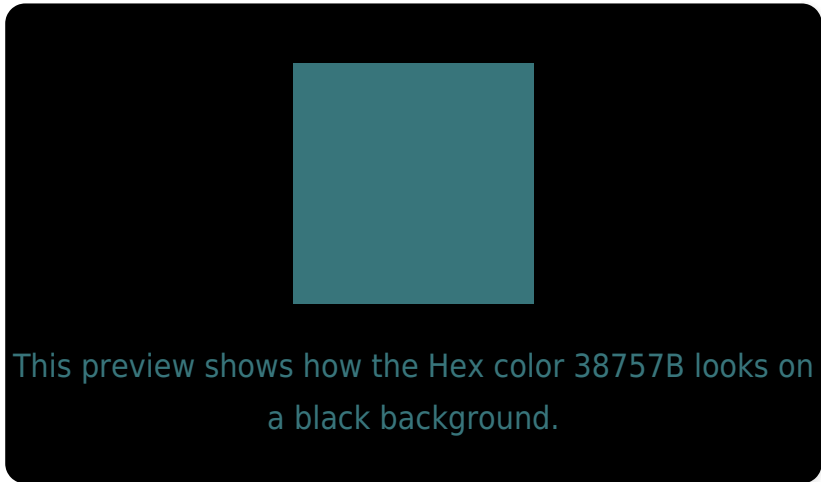
Large Text (above 18pt) WCAG AA ✓ Pass

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

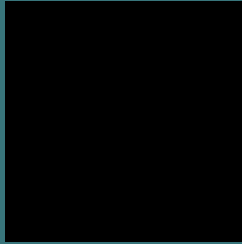
Any Text WCAG AA × Fail

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 38757B Background



This preview shows how black text looks on a background with the Hex color 38757B.

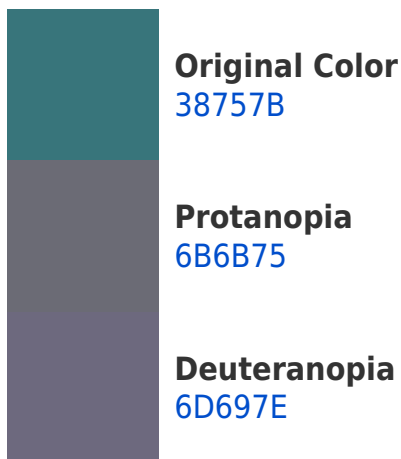


This preview shows how white text looks on a background with the Hex color 38757B.

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](#).

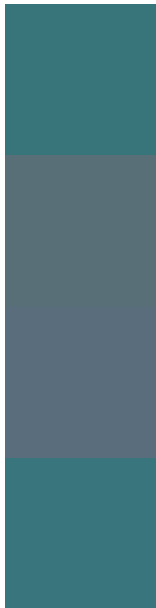
Dichromacy





Tritanopia
39757E

Trichromacy



Original Color
38757B

Protanomaly
586F77

Deuteranomaly
5A6D7D

Tritanomaly
39757D

Monochromacy



Original Color
38757B

Achromatopsia
636363

Achromatomaly
536A6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 38757B 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 #38757B looks like.

```
.text, #text, p{  
    color:#38757B  
}
```

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 #38757B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38757B
}
```

Border

The CSS property to change the border of an element to Hex 38757B 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
#38757B }
```

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

```
.border{ border-color:#38757B }
```

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

Here you see how a box with a 4 pixel #38757B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38757B; -webkit-box-shadow:4px 4px  
4px 4px #38757B; box-shadow:4px 4px 4px  
4px #38757B }
```

Background

The CSS property to change the background color of an element to Hex 38757B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38757B }
```

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

```
.background{ background-color:#38757B }
```

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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