

Converting Colors

Hex(37787E)

Have a look what the booklet for
Hex(37787E) contains.

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Color

Hex(37787E)

Conversions

Conversions Part 1

Format	Color
Hex	37787E
RGB	55, 120, 126
RGB Percent	22%, 47%, 49%
CMY	0.7843, 0.5294, 0.5059
CMYK	0.56, 0.05, 0.00, 0.51
HSL	185°, 39%, 35%
HSV	185°, 56%, 49%
XYZ	12.0579, 15.7515, 22.1435
YIQ	101.2490, -40.6660, -11.9140

Conversions

Conversions Part 2

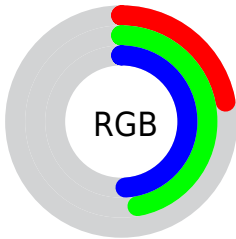
Format	Color
RYB	55, 89, 126
Decimal	3635326
CIELab	46.65, -18.79, -9.60
CIELCh	47, 21.105, 207.064
Yxy	15.7515, 0.2414, 0.3153
Android (android.graphics.Color)	4281825406 (0xFF37787E)
YUV	101.2490, 12.2022, -40.5604
Hunter-Lab	39.6882, -15.2231, -5.2983

Details

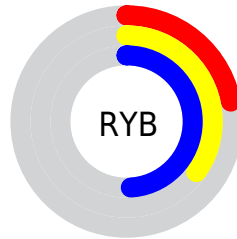
The Hex color **37787E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E3D37**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **6DACB3**, and **00474D** is the 20% darker color. If you saturate the color by 10%, you get **2A777E**, and if you desaturate by 10%, it is **44797E**.

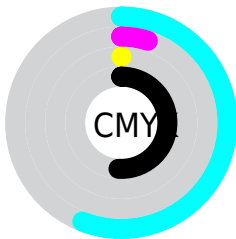
Distribution



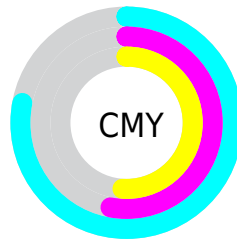
- Red (22%)
- Green (47%)
- Blue (49%)



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



- Cyan (56%)
- Magenta (5%)
- Yellow (0%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 37787E 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 37787E by changing the saturation by 10% instead.



37787E



37787E

FFFFFF



195F65



6DACB3



00474D



88C8CE



003036



A3E4EA



001D21



BFFFFF



000009



DCFFFF



000000



F9FFFF



37787E



37787E



2A777E



44797E

■ 1E767E

■ 507A7E

■ 11757E

■ 5D7B7E

■ 05747E

■ 697C7E

■ 00737E

■ 767D7E

■ 837E7E

■ 8F7F7E

■ 9C817E

■ A8827E

Harmonies

Analogous

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



42786C



37787E



3E758C

Triad

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



37787E



846582



7D6D4B

Complementary

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



37787E



7E3D37

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.



8B6751



37787E



906271

Square

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



37787E



6F6B8E



92625F



6A724F

Rectangle

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



37787E



4D7391



92625F



826B4C

Sweetspot

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



37787E



87A1A3



377E3D



415052



D1D1D1



525252

Same Dimension

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



37787E



349AA3



37557E



393F40



007580



000000

Inverse Universe

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



7E3778



A3349A



7E6037



40393F



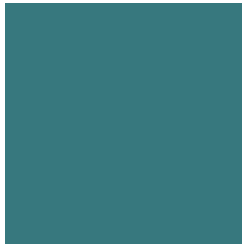
800075



000000

Previews

White Background



This preview shows how the Hex color 37787E 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

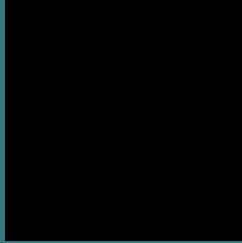
Any Text WCAG AA × Fail

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 37787E Background



This preview shows how black text looks on a background with the Hex color 37787E.

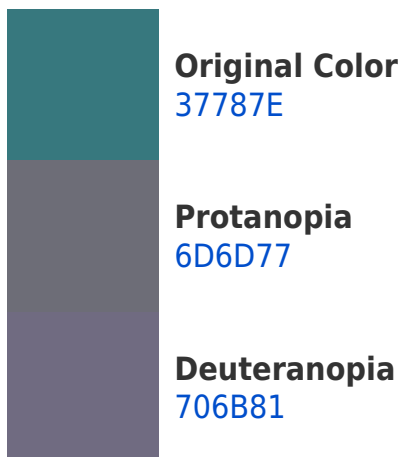


This preview shows how white text looks on a background with the Hex color 37787E.

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](#).

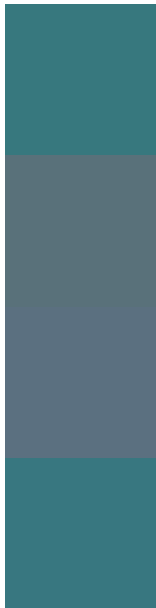
Dichromacy





Tritanopia
387781

Trichromacy



Original Color
37787E

Protanomaly
59717A

Deuteranomaly
5B7080

Tritanomaly
387780

Monochromacy



Original Color
37787E

Achromatopsia
656565

Achromatomaly
546C6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 37787E 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 #37787E looks like.

```
.text, #text, p{  
    color:#37787E  
}
```

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 #37787E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37787E
}
```

Border

The CSS property to change the border of an element to Hex 37787E 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
#37787E }
```

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

```
.border{ border-color:#37787E }
```

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

Here you see how a box with a 4 pixel #37787E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37787E; -webkit-box-shadow:4px 4px  
4px 4px #37787E; box-shadow:4px 4px 4px  
4px #37787E }
```

Background

The CSS property to change the background color of an element to Hex 37787E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37787E }
```

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

```
.background{ background-color:#37787E }
```

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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