

Converting Colors

Hex(37727E)

Have a look what the booklet for
Hex(37727E) contains.

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Color

Hex(37727E)

Conversions

Conversions Part 1

Format	Color
Hex	37727E
RGB	55, 114, 126
RGB Percent	22%, 45%, 49%
CMY	0.7843, 0.5529, 0.5059
CMYK	0.56, 0.10, 0.00, 0.51
HSL	190°, 39%, 35%
HSV	190°, 56%, 49%
XYZ	11.3588, 14.3532, 21.9104
YIQ	97.7270, -39.0160, -8.7760

Conversions

Conversions Part 2

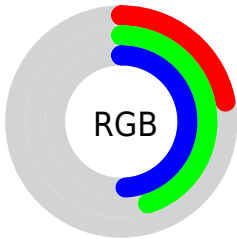
Format	Color
R_{YB}	55, 87, 126
Decimal	3633790
CIE _{Lab}	44.74, -15.51, -12.48
CIE _{LCh}	45, 19.908, 218.835
Yxy	14.3532, 0.2385, 0.3014
Android (android.graphics.Color)	4281823870 (0xFF37727E)
YUV	97.7270, 13.9386, -37.4716
Hunter-Lab	37.8856, -12.7825, -7.7693

Details

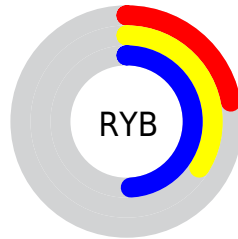
The Hex color **37727E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E4337**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6CA6B3**, and **00424D** is the 20% darker color. If you saturate the color by 10%, you get **2A707E**, and if you desaturate by 10%, it is **44747E**.

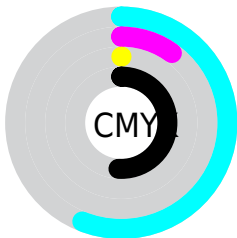
Distribution



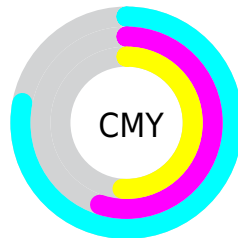
- Red (22%)
- Green (45%)
- Blue (49%)



- Red (22%)
- Yellow (34%)
- Blue (49%)



- Cyan (56%)
- Magenta (10%)
- Yellow (0%)
- Black (51%)



- Cyan (78%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37727E 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 37727E by changing the saturation by 10% instead.

■ 37727E

■ 37727E

FFFFFF

■ 1A5965

■ 6CA6B3

■ 00424D

■ 87C1CE

■ 002C36

■ A3DDEA

■ 001821

■ BFFAFF

■ 000008

■ DBFFFF

■ 000000

■ F8FFFF

■ 37727E

■ 37727E

■ 2A707E

■ 44747E

■ 1E6E7E

■ 50767E

■ 116C7E

■ 5D787E

■ 05697E

■ 697B7E

■ 00697E

■ 767D7E

■ 837F7E

■ 8F817E

■ 9C837E

■ A8857E

Harmonies

Analogous

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



3B736E



37727E



456F88

Triad

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



37727E



835F76



716A49

Complementary

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



37727E



7E4337

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.



80654B



37727E



8B5E65

Square

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



37727E



726484



896056



5E6F50

Rectangle

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



37727E



546C8B



896056



766949

Sweetspot

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



37727E



879FA3



377E43



414F52



D1D1D1



525252

Same Dimension

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



37727E



3490A3



374F7E



393F40



006A80



000000

Inverse Universe

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



7E3772



A33490



7E6637



40393F



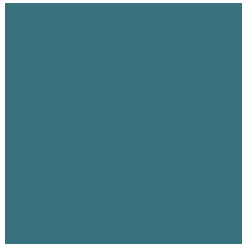
80006A



000000

Previews

White Background



This preview shows how the Hex color 37727E looks on a white background.

Color Contrast Check

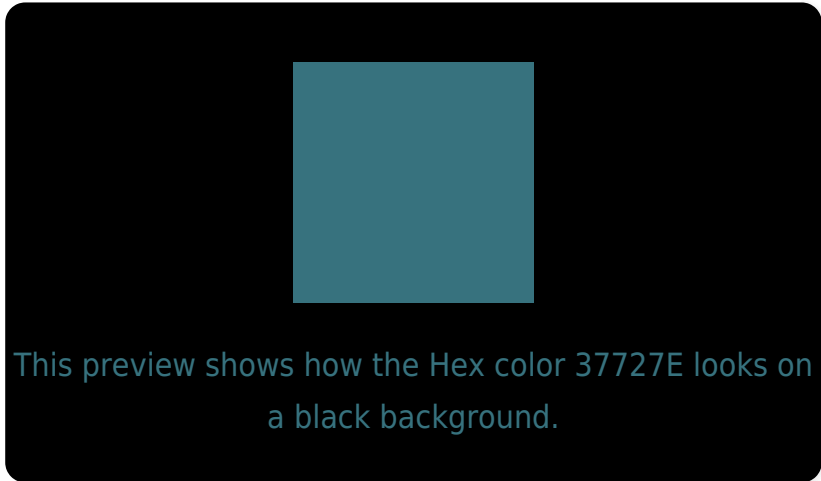
Large Text (above 18pt) WCAG AA ✓ Pass

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

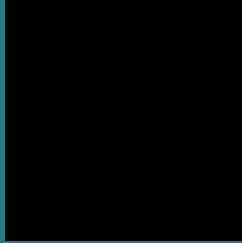
Any Text WCAG AA × Fail

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 37727E Background



This preview shows how black text looks on a background with the Hex color 37727E.

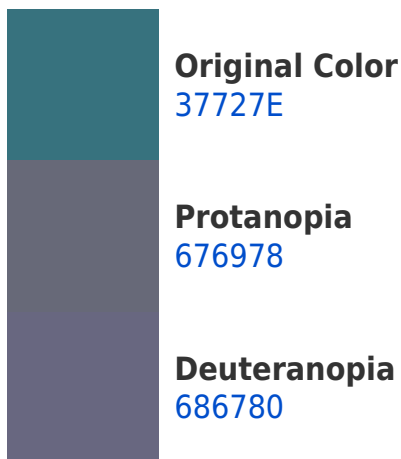


This preview shows how white text looks on a background with the Hex color 37727E.

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
36727C

Trichromacy



Original Color
37727E

Protanomaly
566C7A

Deuteranomaly
566B7F

Tritanomaly
36727D

Monochromacy



Original Color
37727E

Achromatopsia
626262

Achromatomaly
52686C

CSS Examples

Text

The CSS property to change the color of the text to Hex 37727E 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 #37727E looks like.

```
.text, #text, p{  
    color:#37727E  
}
```

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 #37727E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37727E
}
```

Border

The CSS property to change the border of an element to Hex 37727E is called "border". The border property can be set on classes, ids or directly on the HTML element.

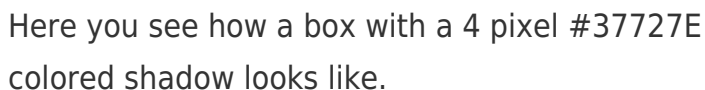
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37727E }
```

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

```
.border{ border-color:#37727E }
```

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



Here you see how a box with a 4 pixel `#37727E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37727E; -webkit-box-shadow:4px 4px  
4px 4px #37727E; box-shadow:4px 4px 4px  
4px #37727E }
```

Background

The CSS property to change the background color of an element to Hex 37727E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37727E }
```

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

```
.background{ background-color:#37727E }
```

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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