

Converting Colors

Hex(28747E)

Have a look what the booklet for
Hex(28747E) contains.

Hex(28747E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(28747E)

Conversions

Conversions Part 1

Format	Color
Hex	28747E
RGB	40, 116, 126
RGB Percent	16%, 45%, 49%
CMY	0.8431, 0.5451, 0.5059
CMYK	0.68, 0.08, 0.00, 0.51
HSL	187°, 52%, 33%
HSV	187°, 68%, 49%
XYZ	10.8864, 14.4483, 21.9537
YIQ	94.4160, -48.5060, -13.0020

Conversions

Conversions Part 2

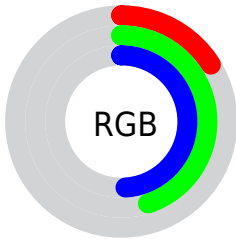
Format	Color
RYB	40, 80, 126
Decimal	2651262
CIELab	44.87, -19.55, -12.33
CIELCh	45, 23.111, 212.245
Yxy	14.4483, 0.2302, 0.3055
Android (android.graphics.Color)	4280841342 (0xFF28747E)
YUV	94.4160, 15.5709, -47.7228
Hunter-Lab	38.0109, -15.3964, -7.6361




Details

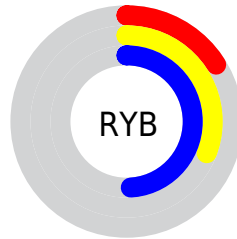
The Hex color **28747E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E3228**, and the grayscale version is **5E5E5E**.




A 20% lighter version of the original color is **61A8B3**, and **00434D** is the 20% darker color. If you saturate the color by 10%, you get **1B737E**, and if you desaturate by 10%, it is **35757E**.

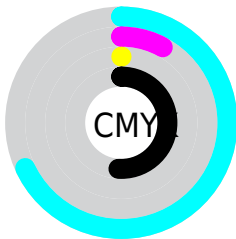
Distribution







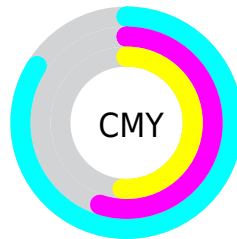
-  Red (16%)
-  Green (45%)
-  Blue (49%)






-  Red (16%)
-  Yellow (31%)
-  Blue (49%)



-  Cyan (68%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (84%)
-  Magenta (55%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28747E 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 28747E by changing the saturation by 10% instead.

 28747E

 28747E

FFFFFF

 005B65

 61A8B3

 00434D

 7DC4CE

 002D36

 98E0EA

 001A21

 B4FCFF

 000008

 D1FFFF

 000000

 EEEFFF

 28747E

 28747E

 1B737E

 35757E

0F717E

41777E

02707E

4E787E

006F7E

5A7A7E

677B7E

747D7E

807E7E

8D807E

99817E

Harmonies

Analogous

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



34756B



28747E



36718C

Triad

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



28747E



845E7C



766944

Complementary

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



28747E



7E3228

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.



866349



28747E



8F5C69

Square

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



28747E



6F658B



8F5D57



616F49

Rectangle

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



28747E



486E90



8F5D57



7C6744

Sweetspot

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



28747E



839FA3



287E31



3E4F52



D1D1D1



525252

Same Dimension

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



28747E



1D94A3



284A7E



393F40



007180



000000

Inverse Universe

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



7E2874



A31D94



7E5C28



40393F



800071



000000

Previews

White Background



This preview shows how the Hex color 28747E looks on a white background.

Color Contrast Check

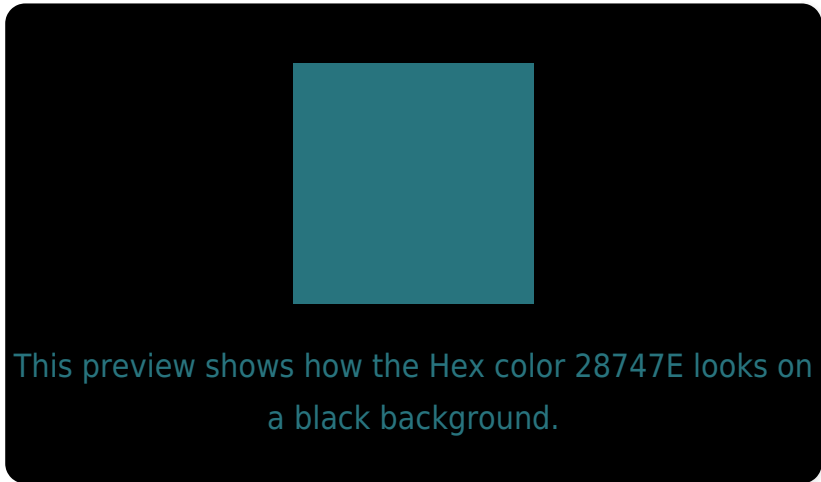
Large Text (above 18pt) WCAG AA ✓ Pass

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 28747E Background



This preview shows how black text looks on a background with the Hex color 28747E.

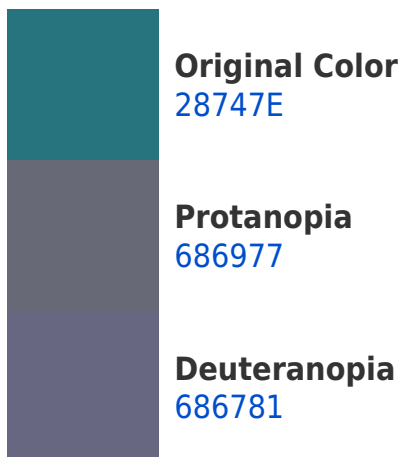


This preview shows how white text looks on a background with the Hex color 28747E.

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](#).

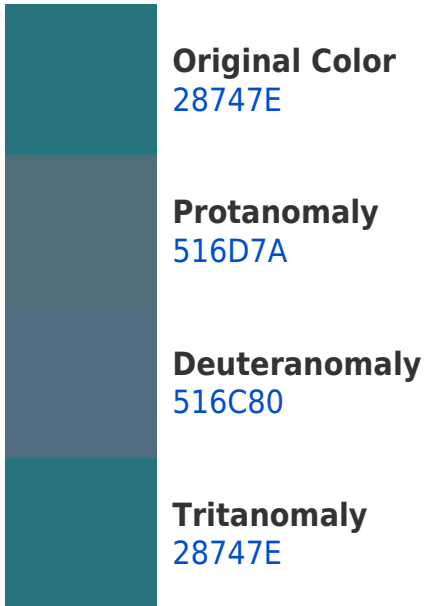
Dichromacy



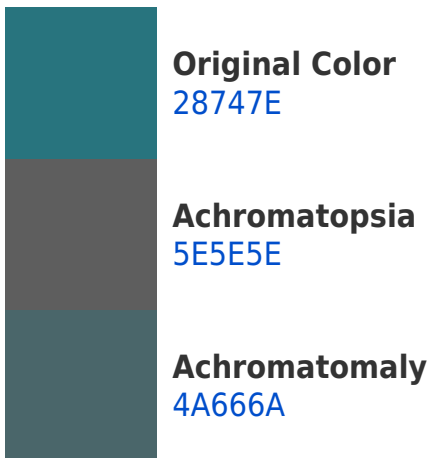


Tritanopia
28747E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 28747E 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 #28747E looks like.

```
.text, #text, p{  
    color:#28747E  
}
```

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 #28747E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28747E
}
```

Border

The CSS property to change the border of an element to Hex 28747E is called "border". The border property can be set on classes, ids or directly on the HTML element.

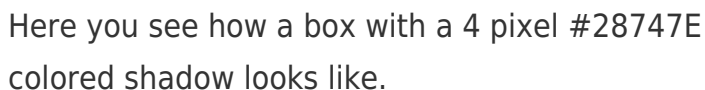
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28747E }
```

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

```
.border{ border-color:#28747E }
```

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



Here you see how a box with a 4 pixel #28747E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28747E; -webkit-box-shadow:4px 4px  
4px 4px #28747E; box-shadow:4px 4px 4px  
4px #28747E }
```

Background

The CSS property to change the background color of an element to Hex 28747E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28747E }
```

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

```
.background{ background-color:#28747E }
```

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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