

Converting Colors

Hex(28717E)

Have a look what the booklet for
Hex(28717E) contains.

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Color

Hex(28717E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 28717E |
| RGB | 40, 113, 126 |
| RGB Percent | 16%, 44%, 49% |
| CMY | 0.8431, 0.5569, 0.5059 |
| CMYK | 0.68, 0.10, 0.00, 0.51 |
| HSL | 189°, 52%, 33% |
| HSV | 189°, 68%, 49% |
| XYZ | 10.5461, 13.7677, 21.8403 |
| YIQ | 92.6550, -47.6810, -11.4330 |

Conversions

Conversions Part 2

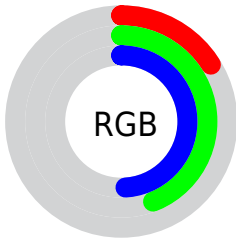
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 40, 79, 126 |
| Decimal | 2650494 |
| CIELab | 43.90, -17.92, -13.80 |
| CIELCh | 44, 22.617, 217.608 |
| Yxy | 13.7677, 0.2285, 0.2983 |
| Android (android.graphics.Color) | 4280840574 (0xFF28717E) |
| YUV | 92.6550, 16.4391, -46.1784 |
| Hunter-Lab | 37.1049, -14.1996, -8.9252 |

Details

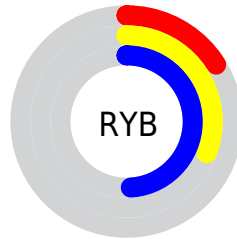
The Hex color **28717E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E3528**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **61A5B3**, and **00414D** is the 20% darker color. If you saturate the color by 10%, you get **1B6F7E**, and if you desaturate by 10%, it is **35737E**.

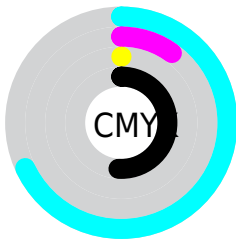
Distribution



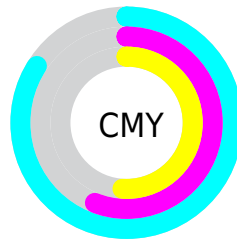
- Red (16%)
- Green (44%)
- Blue (49%)



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



- Cyan (68%)
- Magenta (10%)
- Yellow (0%)
- Black (51%)



- Cyan (84%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28717E 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 28717E by changing the saturation by 10% instead.

■ 28717E

■ 28717E

FFFFFF

■ 005865

■ 61A5B3

■ 00414D

■ 7CC0CE

■ 002A36

■ 98DCEA

■ 001721

■ B4F9FF

■ 000008

■ D1FFFF

■ 000000

■ EEEFFF

■ 28717E

■ 28717E

■ 1B6F7E

■ 35737E

0F6D7E

41757E

026B7E

4E777E

006B7E

5A797E

677B7E

747C7E

807E7E

8D807E

99827E

Harmonies

Analogous

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



30726C



28717E



396E8A

Triad

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



28717E



845C76



706842

Complementary

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



28717E



7E3528

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.



816245



28717E



8D5A64

Square

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



28717E



706186



8B5C52



5B6D4A

Rectangle

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



28717E



4C6A8D



8B5C52



766642

Sweetspot

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



28717E



839EA3



287E35



3E4F52



D1D1D1



525252

Same Dimension

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



28717E



1D8FA3



28467E



393F40



006C80



000000

Inverse Universe

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



7E2871



A31D8F



7E6028



40393F



80006C



000000

Previews

White Background



This preview shows how the Hex color 28717E looks on a white background.

Color Contrast Check

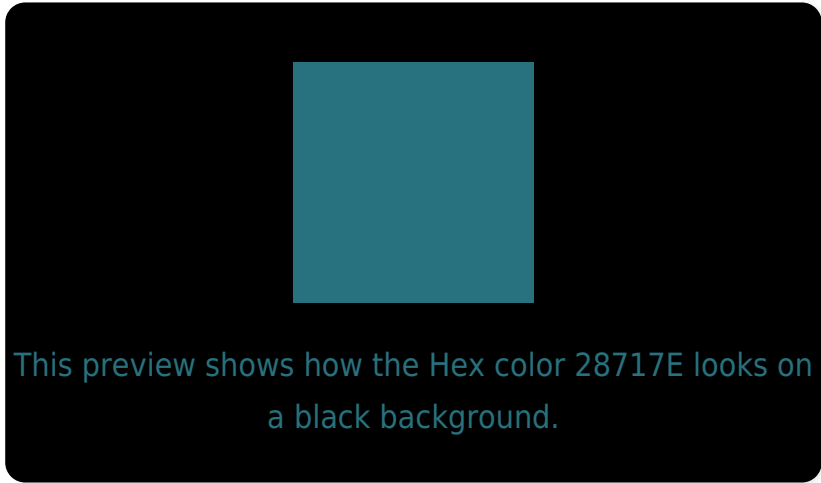
Large Text (above 18pt) WCAG AA ✓ Pass

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

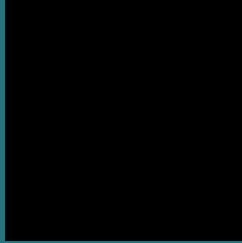
Any Text WCAG AA × Fail

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 28717E Background



This preview shows how black text looks on a background with the Hex color 28717E.

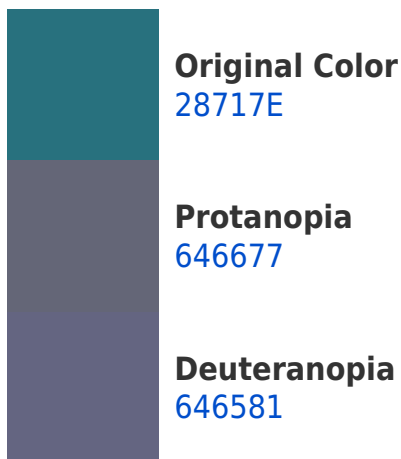


This preview shows how white text looks on a background with the Hex color 28717E.

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](#).

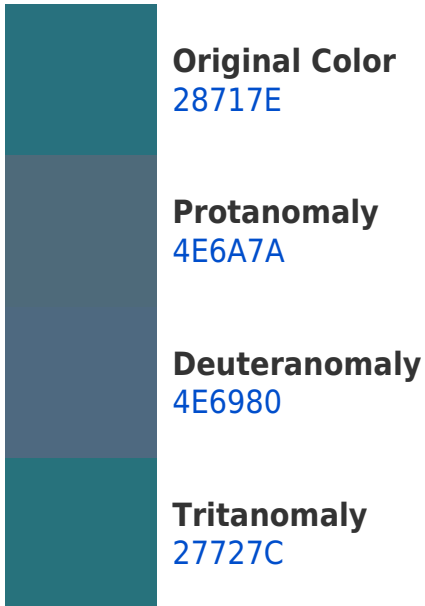
Dichromacy



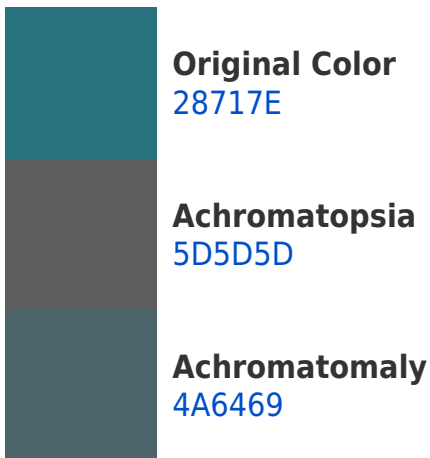


Tritanopia
26727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 28717E 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 #28717E looks like.

```
.text, #text, p{  
    color:#28717E  
}
```

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 #28717E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28717E
}
```

Border

The CSS property to change the border of an element to Hex 28717E 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
#28717E }
```

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

```
.border{ border-color:#28717E }
```

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

Here you see how a box with a 4 pixel #28717E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28717E; -webkit-box-shadow:4px 4px  
4px 4px #28717E; box-shadow:4px 4px 4px  
4px #28717E }
```

Background

The CSS property to change the background color of an element to Hex 28717E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28717E }
```

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

```
.background{ background-color:#28717E }
```

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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