

Converting Colors

Hex(28776E)

Have a look what the booklet for
Hex(28776E) contains.

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Color

Hex(28776E)

Conversions

Conversions Part 1

Format	Color
Hex	28776E
RGB	40, 119, 110
RGB Percent	16%, 47%, 43%
CMY	0.8431, 0.5333, 0.5686
CMYK	0.66, 0.00, 0.08, 0.53
HSL	173°, 50%, 31%
HSV	173°, 66%, 47%
XYZ	10.2864, 14.7706, 17.0607
YIQ	94.3530, -44.1950, -19.5470

Conversions

Conversions Part 2

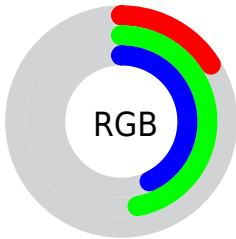
Format	Color
RYB	40, 82, 119
Decimal	2652014
CIELab	45.32, -26.03, -2.10
CIELCh	45, 26.113, 184.615
Yxy	14.7706, 0.2442, 0.3507
Android (android.graphics.Color)	4280842094 (0xFF28776E)
YUV	94.3530, 7.7140, -47.6676
Hunter-Lab	38.4325, -19.4817, 0.5831

Details

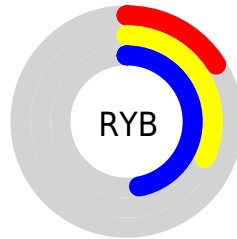
The Hex color **28776E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **772831**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **60ACA1**, and **00463F** is the 20% darker color. If you saturate the color by 10%, you get **1C776D**, and if you desaturate by 10%, it is **34776F**.

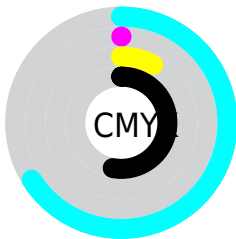
Distribution



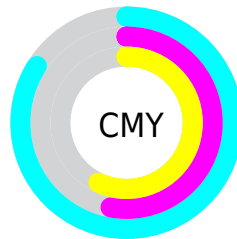
- Red (16%)
- Green (47%)
- Blue (43%)



- Red (16%)
- Yellow (32%)
- Blue (47%)



- Cyan (66%)
- Magenta (0%)
- Yellow (8%)
- Black (53%)



- Cyan (84%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28776E 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 28776E by changing the saturation by 10% instead.

 28776E

 28776E


FFFFFF

 005E56

 60ACA1

 00463F

 7BC7BC

 002F29

 97E3D8

 001C14

 B3FFF5

 000000

 CFFFFFF

 EFFFFFF

 28776E

 28776E

 1C776D

 34776F

■ 10776B

■ 407771

■ 04776A

■ 4C7772

■ 007769

■ 587773

■ 647775

■ 6F7776

■ 7B7777

■ 877779

■ 93777A

Harmonies

Analogous

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



457558



28776E



147683

Triad

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



28776E



72648F



896444

Complementary

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



28776E



772831

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.



945D54



28776E



8A5D7E

Square

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



28776E



526C96



955A69



766B3F

Rectangle

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



28776E



21748E



955A69



8E6148

Sweetspot

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



28776E



7C9C98



317728



3C4F4D



CFCFCF



4F4F4F

Same Dimension

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



28776E



1F9C8D



285977



353B3A



007A6C



00FADD

Inverse Universe

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



772831



9C1F2D



774628



3B3535



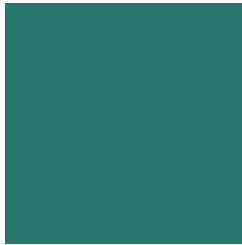
7A000E



FA001C

Previews

White Background



This preview shows how the Hex color 28776E looks on a white background.

Color Contrast Check

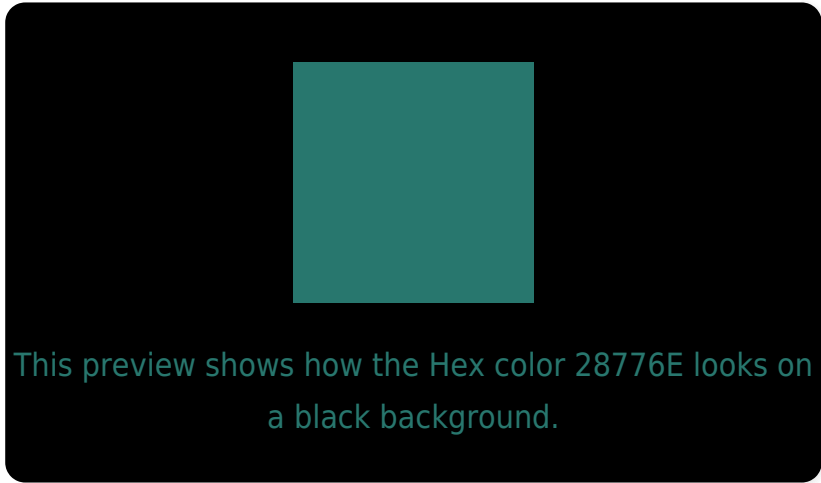
Large Text (above 18pt) WCAG AA ✓ Pass

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

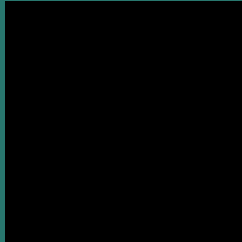
Any Text WCAG AA × Fail

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 28776E Background



This preview shows how black text looks on a background with the Hex color 28776E.

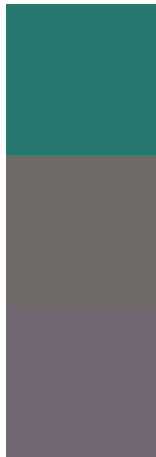


This preview shows how white text looks on a background with the Hex color 28776E.

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

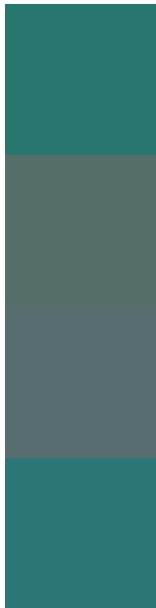


Original Color
28776E

Protanopia
6D6A67

Deuteranopia
726871

Trichromacy



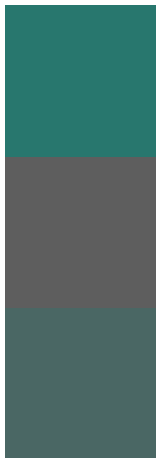
Original Color
28776E

Protanomaly
546F6A

Deuteranomaly
576D70

Tritanomaly
2D7678

Monochromacy



Original Color
28776E

Achromatopsia
5E5E5E

Achromatomaly
4A6764

CSS Examples

Text

The CSS property to change the color of the text to Hex 28776E 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 #28776E looks like.

```
.text, #text, p{  
    color:#28776E  
}
```

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 #28776E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28776E
}
```

Border

The CSS property to change the border of an element to Hex 28776E 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
#28776E }
```

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

```
.border{ border-color:#28776E }
```

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

Here you see how a box with a 4 pixel #28776E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28776E; -webkit-box-shadow:4px 4px  
4px 4px #28776E; box-shadow:4px 4px 4px  
4px #28776E }
```

Background

The CSS property to change the background color of an element to Hex 28776E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28776E }
```

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

```
.background{ background-color:#28776E }
```

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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