

Converting Colors

Hex(28776A)

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

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Color

Hex(28776A)

Conversions

Conversions Part 1

Format	Color
Hex	28776A
RGB	40, 119, 106
RGB Percent	16%, 47%, 42%
CMY	0.8431, 0.5333, 0.5843
CMYK	0.66, 0.00, 0.11, 0.53
HSL	170°, 50%, 31%
HSV	170°, 66%, 47%
XYZ	10.0734, 14.6854, 15.9393
YIQ	93.8970, -42.9110, -20.7910

Conversions

Conversions Part 2

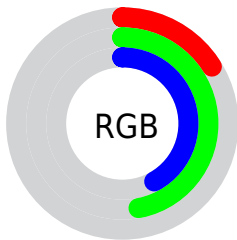
Format	Color
RYB	40, 83, 119
Decimal	2652010
CIELab	45.20, -27.18, 0.11
CIELCh	45, 27.175, 179.765
Yxy	14.6854, 0.2475, 0.3608
Android (android.graphics.Color)	4280842090 (0xFF28776A)
YUV	93.8970, 5.9668, -47.2677
Hunter-Lab	38.3215, -20.1411, 2.1642

Details

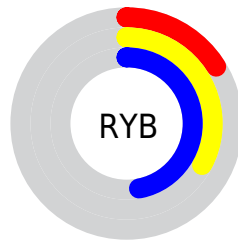
The Hex color **28776A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **772835**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **60AC9D**, and **00463B** is the 20% darker color. If you saturate the color by 10%, you get **1C7768**, and if you desaturate by 10%, it is **34776C**.

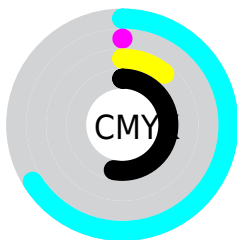
Distribution



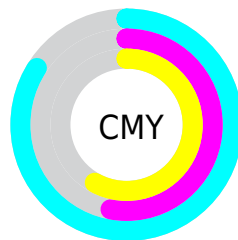
- Red (16%)
- Green (47%)
- Blue (42%)



- Red (16%)
- Yellow (33%)
- Blue (47%)



- Cyan (66%)
- Magenta (0%)
- Yellow (11%)
- Black (53%)



- Cyan (84%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

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

 28776A

 28776A


FFFFFF

 005E52

 60AC9D

 00463B

 7BC7B8

 002F25

 96E3D4

 001B10

 B2FFF0

 000000

 CFFFFFF

 EFFFFFF

 28776A

 28776A

 1C7768

 34776C

■ 107766

■ 40776E

■ 047764

■ 4C7770

■ 007763

■ 587772

■ 647774

■ 6F7776

■ 7B7778

■ 87777A

■ 93777C

Harmonies

Analogous

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



477553



28776A



057781

Triad

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



28776A



6D6592



8C6244

Complementary

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



28776A



772835

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.



965B56



28776A



875D82

Square

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



28776A



496D98



95596C



7A6A3D

Rectangle

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



28776A



11758D



95596C



915F49

Sweetspot

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



28776A



7C9C96



357728



3C4F4C



CFCFCF



4F4F4F

Same Dimension

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



28776A



1F9C87



285D77



353B3A



007A66



00FAD1

Inverse Universe

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



772835



9C1F34



774228



3B3536



7A0014



FA0029

Previews

White Background



This preview shows how the Hex color 28776A 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

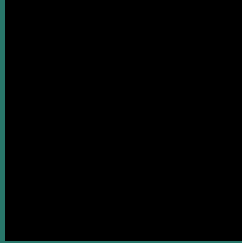
Any Text WCAG AA × Fail

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 28776A Background



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

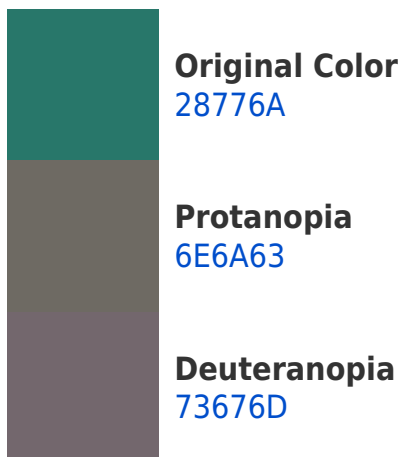


This preview shows how white text looks on a background with the Hex color 28776A.

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
31747E

Trichromacy



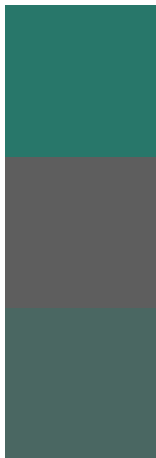
Original Color
28776A

Protanomaly
556F66

Deuteranomaly
586D6C

Tritanomaly
2E7577

Monochromacy



Original Color
28776A

Achromatopsia
5E5E5E

Achromatomaly
4A6762

CSS Examples

Text

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

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

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 #28776A colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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