

Converting Colors

Hex(28766D)

Have a look what the booklet for
Hex(28766D) contains.

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Color

Hex(28766D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 28766D |
| RGB | 40, 118, 109 |
| RGB Percent | 16%, 46%, 43% |
| CMY | 0.8431, 0.5373, 0.5725 |
| CMYK | 0.66, 0.00, 0.08, 0.54 |
| HSL | 173°, 49%, 31% |
| HSV | 173°, 66%, 46% |
| XYZ | 10.1138, 14.5121, 16.7361 |
| YIQ | 93.6520, -43.5990, -19.3350 |

Conversions

Conversions Part 2

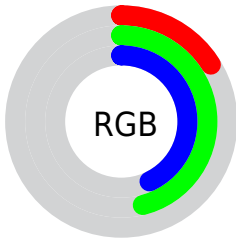
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 40, 81, 118 |
| Decimal | 2651757 |
| CIELab | 44.96, -25.82, -2.03 |
| CIELCh | 45, 25.898, 184.503 |
| Yxy | 14.5121, 0.2445, 0.3509 |
| Android (android.graphics.Color) | 4280841837 (0xFF28766D) |
| YUV | 93.6520, 7.5666, -47.0528 |
| Hunter-Lab | 38.0948, -19.2757, 0.6186 |

Details

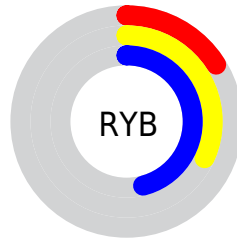
The Hex color **28766D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **762831**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **60ABA0**, and **00453E** is the 20% darker color. If you saturate the color by 10%, you get **1C766C**, and if you desaturate by 10%, it is **34766E**.

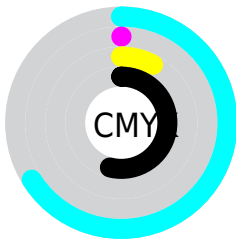
Distribution



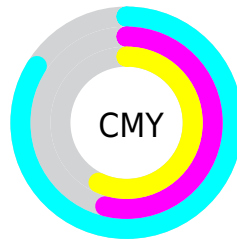
- Red (16%)
- Green (46%)
- Blue (43%)



- Red (16%)
- Yellow (32%)
- Blue (46%)



- Cyan (66%)
- Magenta (0%)
- Yellow (8%)
- Black (54%)



- Cyan (84%)
- Magenta (54%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28766D 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 28766D by changing the saturation by 10% instead.

 28766D

 28766D

FFFFFF

 005D55

 60ABA0

 00453E

 7BC6BB

 002E28

 96E2D7

 001A13

 B2FFF3

 000000

 CFFFFFF

 EFFFFFF

 28766D

 28766D

 1C766C

 34766E

■ 10766A

■ 407670

■ 057669

■ 4B7671

■ 007668

■ 577672

■ 637674

■ 6F7675

■ 7B7677

■ 867678

■ 927679

Harmonies

Analogous

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



447457



28766D



147582

Triad

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



28766D



71648E



886344

Complementary

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



28766D



762831

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.



935C53



28766D



885D7D

Square

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



28766D



516B95



945A68



766A3F

Rectangle

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



28766D



21738D



945A68



8D6048

Sweetspot

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



28766D



7A9995



317628



3A4D4A



CCCCCC



4D4D4D

Same Dimension

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



28766D



20998B



285876



353B3A



007A6C



00FADD

Inverse Universe

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



762831



99202E



764628



3B3535



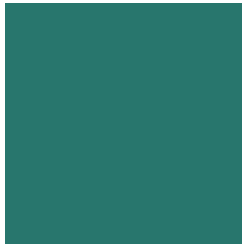
7A000E



FA001D

Previews

White Background



This preview shows how the Hex color 28766D looks on a white background.

Color Contrast Check

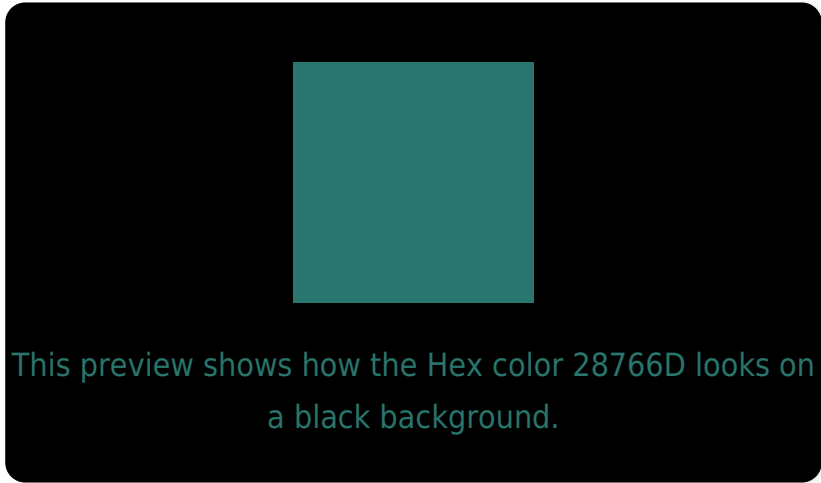
Large Text (above 18pt) WCAG AA ✓ Pass

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

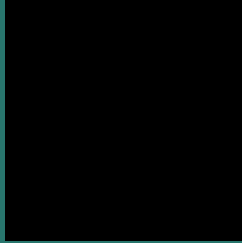
Any Text WCAG AA × Fail

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 28766D Background



This preview shows how black text looks on a background with the Hex color 28766D.

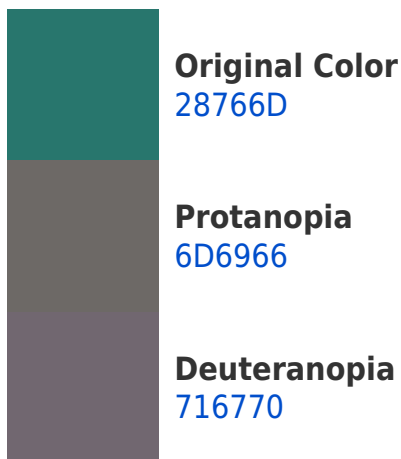


This preview shows how white text looks on a background with the Hex color 28766D.

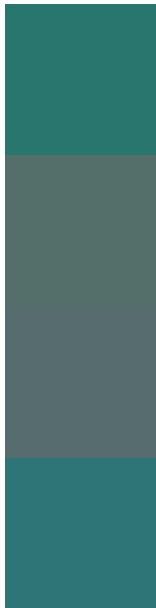
Color Blindness Simulation

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



Trichromacy



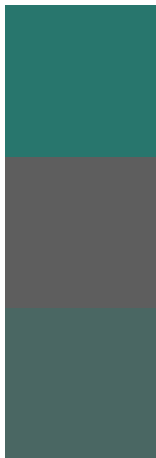
Original Color
28766D

Protanomaly
546E69

Deuteranomaly
566C6F

Tritanomaly
2D7577

Monochromacy



Original Color
28766D

Achromatopsia
5E5E5E

Achromatomaly
4A6763

CSS Examples

Text

The CSS property to change the color of the text to Hex 28766D 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 #28766D looks like.

```
.text, #text, p{  
    color:#28766D  
}
```

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 #28766D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28766D
}
```

Border

The CSS property to change the border of an element to Hex 28766D 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
#28766D }
```

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

```
.border{ border-color:#28766D }
```

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

Here you see how a box with a 4 pixel #28766D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28766D; -webkit-box-shadow:4px 4px  
4px 4px #28766D; box-shadow:4px 4px 4px  
4px #28766D }
```

Background

The CSS property to change the background color of an element to Hex 28766D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28766D }
```

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

```
.background{ background-color:#28766D }
```

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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