

# Converting Colors

Hex(27756D)

Have a look what the booklet for  
Hex(27756D) contains.

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# Color

Hex(27756D)

# Conversions

## Conversions Part 1

Format	Color
Hex	27756D
RGB	39, 117, 109
RGB Percent	15%, 46%, 43%
CMY	0.8471, 0.5412, 0.5725
CMYK	0.67, 0.00, 0.07, 0.54
HSL	174°, 50%, 31%
HSV	174°, 67%, 46%
XYZ	9.9583, 14.2580, 16.6952
YIQ	92.7660, -43.9200, -19.0240

# Conversions

## Conversions Part 2

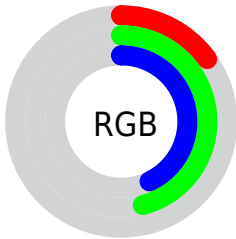
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 80, 117
Decimal	2585965
CIE <sub>Lab</sub>	44.60, -25.50, -2.56
CIE <sub>LCh</sub>	45, 25.624, 185.740
Yxy	14.2580, 0.2434, 0.3485
Android (android.graphics.Color)	4280776045 (0xFF27756D)
YUV	92.7660, 8.0034, -47.1528
Hunter-Lab	37.7598, -19.0043, 0.2173

# Details

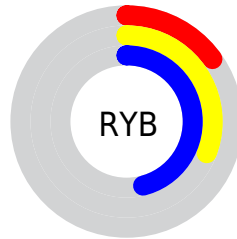
The Hex color **27756D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **75272F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5FAAA0**, and **00443E** is the 20% darker color. If you saturate the color by 10%, you get **1B756C**, and if you desaturate by 10%, it is **33756E**.

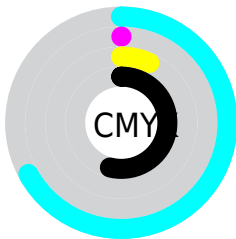
# Distribution



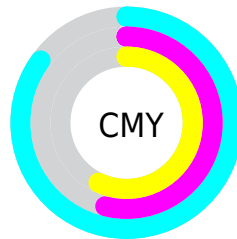
- Red (15%)
- Green (46%)
- Blue (43%)



- Red (15%)
- Yellow (31%)
- Blue (46%)



- Cyan (67%)
- Magenta (0%)
- Yellow (7%)
- Black (54%)



- Cyan (85%)
- Magenta (54%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27756D 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 27756D by changing the saturation by 10% instead.



 27756D

 27756D

FFFFFF

 005C55

 5FAAA0

 00443E

 7AC5BB

 002D28

 95E1D7

 001913

 B1FEF3

 000000

 CEFFFF

 EBFFFF

 27756D

 27756D

 1B756C

 33756E

■ 10756B

■ 3E756F

■ 047569

■ 4A7571

■ 007569

■ 567572

■ 627573

■ 6D7574

■ 797575

■ 857577

■ 907578

# Harmonies

## Analogous

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



437357



27756D



157482

# Triad

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



27756D



71628C



866243

# Complementary

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



27756D



75272F

# 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.



915C52



27756D



885C7B

# Square

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



27756D



526A94



935966



746A3F

# Rectangle

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



27756D



23728C



935966



8B6047



# Sweetspot

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



27756D



7A9996



307527



3A4D4B



CCCCCC



4D4D4D



# Same Dimension

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



27756D



1F998C



275775



353B3A



007A6E



00FAE0



# Inverse Universe

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



75272F



991F2B



754527



3B3535



7A000D

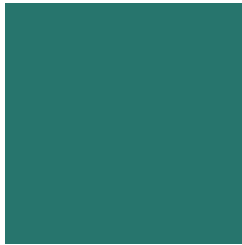


FA001A



# Previews

## White Background



This preview shows how the Hex color 27756D 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

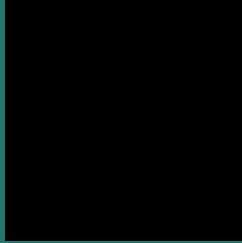
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 27756D Background



This preview shows how black text looks on a background with the Hex color 27756D.

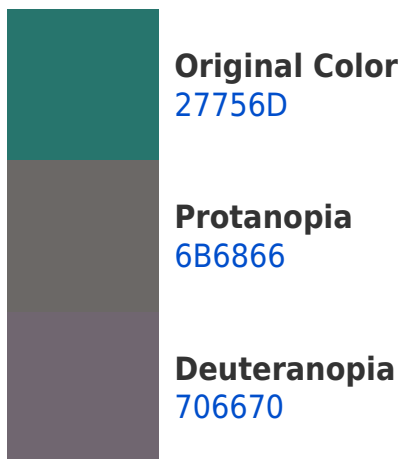


This preview shows how white text looks on a background with the Hex color 27756D.

# 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](#).

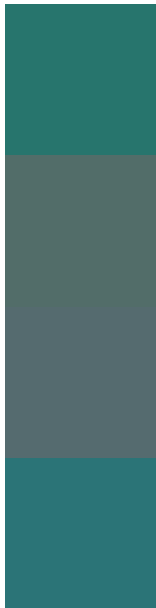
## Dichromacy





**Tritanopia**  
2E737C

# Trichromacy



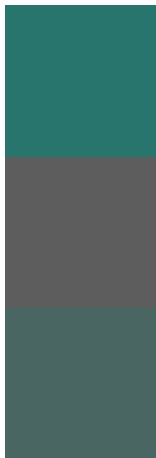
**Original Color**  
27756D

**Protanomaly**  
526D69

**Deuteranomaly**  
556B6F

**Tritanomaly**  
2B7477

# Monochromacy



**Original Color**  
27756D

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
496663

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27756D 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 #27756D looks like.

```
.text, #text, p{  
    color:#27756D  
}
```

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 #27756D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27756D
}
```

## Border

The CSS property to change the border of an element to Hex 27756D 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
#27756D }
```

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

```
.border{ border-color:#27756D }
```

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

Here you see how a box with a 4 pixel #27756D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27756D; -webkit-box-shadow:4px 4px  
4px 4px #27756D; box-shadow:4px 4px 4px  
4px #27756D }
```

# Background

The CSS property to change the background color of an element to Hex 27756D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27756D }
```

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

```
.background{ background-color:#27756D }
```

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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