

# Converting Colors

Hex(277F67)

Have a look what the booklet for  
Hex(277F67) contains.

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# Color

Hex(277F67)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 277F67                      |
| RGB         | 39, 127, 103                |
| RGB Percent | 15%, 50%, 40%               |
| CMY         | 0.8471, 0.5020, 0.5961      |
| CMYK        | 0.69, 0.00, 0.19, 0.50      |
| HSL         | 164°, 53%, 33%              |
| HSV         | 164°, 69%, 50%              |
| XYZ         | 10.8743, 16.5894, 15.4609   |
| YIQ         | 97.9520, -44.7440, -26.1200 |

# Conversions

## Conversions Part 2

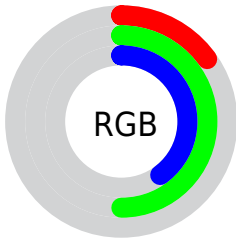
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 39, 90, 127                  |
| Decimal                             | 2588519                      |
| CIE <sub>Lab</sub>                  | 47.74, -32.00, 5.55          |
| CIE <sub>LCh</sub>                  | 48, 32.482, 170.157          |
| Yxy                                 | 16.5894, 0.2533,<br>0.3865   |
| Android<br>(android.graphics.Color) | 4280778599<br>(0xFF277F67)   |
| YUV                                 | 97.9520, 2.4887,<br>-51.7009 |
| Hunter-Lab                          | 40.7300, -23.6210,<br>6.0049 |

# Details

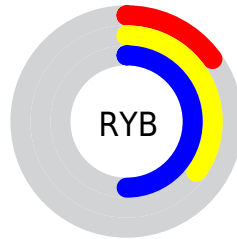
The Hex color **277F67** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7F273F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **60B49A**, and **004D38** is the 20% darker color. If you saturate the color by 10%, you get **1A7F64**, and if you desaturate by 10%, it is **347F6A**.

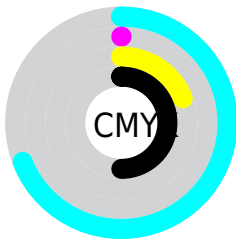
# Distribution



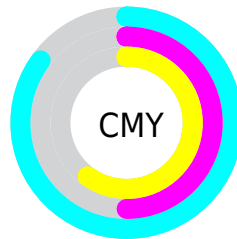
- Red (15%)
- Green (50%)
- Blue (40%)



- Red (15%)
- Yellow (35%)
- Blue (50%)



- Cyan (69%)
- Magenta (0%)
- Yellow (19%)
- Black (50%)



- Cyan (85%)
- Magenta (50%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 277F67 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 277F67 by changing the saturation by 10% instead.





277F67



277F67

FFFFFF



00664F



60B49A



004D38



7BD0B5



003523



97EDD0



00220D



B3FFED



000000



D0FFFF



EDFFFF



277F67



277F67



1A7F64



347F6A

■ 0E7F60

■ 407F6E

■ 017F5D

■ 4D7F71

■ 007F5C

■ 5A7F75

■ 667F78

■ 737F7C

■ 807F7F

■ 8D7F83

■ 997F86

# Harmonies

## Analogous

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



507C4D



277F67



007F83

# Triad

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



277F67



666EA5



9D6348

# Complementary

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



277F67



7F273F

# 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.



A65C60



277F67



8B6395

# Square

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



277F67



3277A7



A05C7B



8A6D3B

# Rectangle

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



277F67



007E94



A05C7B



A2604F



# Sweetspot

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



277F67



83A69C



407F27



3F544E



D4D4D4



545454



# Same Dimension

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



277F67



1CA680



276C7F



39403E



00805D



000000



# Inverse Universe

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



7F273F



A61C42



7F3A27



40393B



800023



000000



# Previews

## White Background



This preview shows how the Hex color 277F67 looks on a white background.

## Color Contrast Check

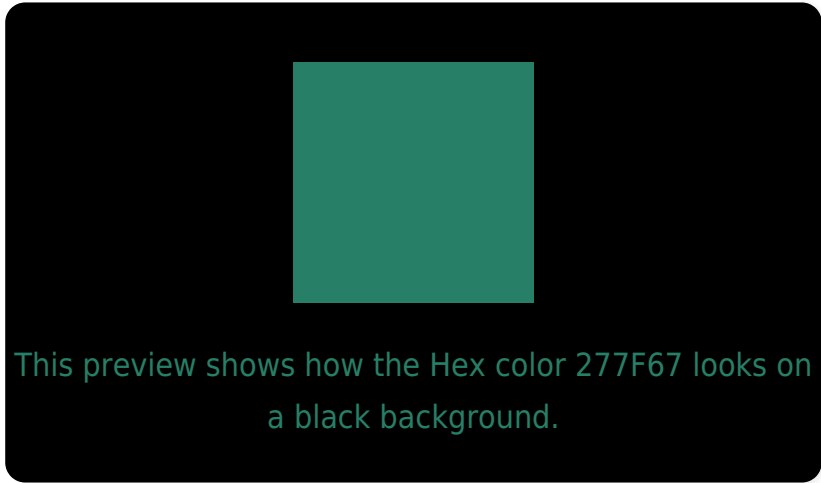
Large Text (above 18pt) WCAG AA ✓ Pass

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

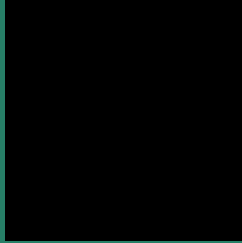
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 277F67 Background



This preview shows how black text looks on a background with the Hex color 277F67.

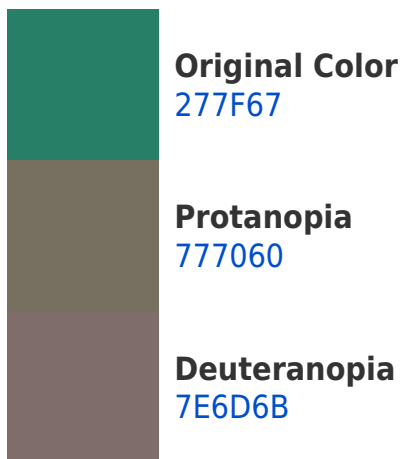


This preview shows how white text looks on a background with the Hex color 277F67.

# 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**  
357B85

# Trichromacy



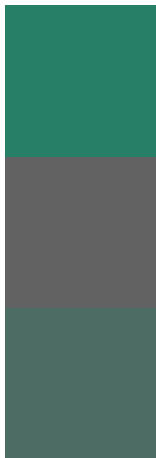
**Original Color**  
277F67

**Protanomaly**  
5A7563

**Deuteranomaly**  
5E746A

**Tritanomaly**  
307C7A

# Monochromacy



**Original Color**  
277F67

**Achromatopsia**  
626262

**Achromatomaly**  
4D6D64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 277F67 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 #277F67 looks like.

```
.text, #text, p{  
    color:#277F67  
}
```

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 #277F67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #277F67
}
```

## Border

The CSS property to change the border of an element to Hex 277F67 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
#277F67 }
```

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

```
.border{ border-color:#277F67 }
```

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

Here you see how a box with a 4 pixel #277F67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #277F67; -webkit-box-shadow:4px 4px  
4px 4px #277F67; box-shadow:4px 4px 4px  
4px #277F67 }
```

# Background

The CSS property to change the background color of an element to Hex 277F67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#277F67 }
```

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

```
.background{ background-color:#277F67 }
```

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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