

# Converting Colors

Hex(277E4F)

Have a look what the booklet for  
Hex(277E4F) contains.

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# Color

Hex(277E4F)

# Conversions

## Conversions Part 1

Format	Color
Hex	277E4F
RGB	39, 126, 79
RGB Percent	15%, 49%, 31%
CMY	0.8471, 0.5059, 0.6902
CMYK	0.69, 0.00, 0.37, 0.51
HSL	148°, 53%, 32%
HSV	148°, 69%, 49%
XYZ	9.7088, 15.9176, 9.9578
YIQ	94.6290, -36.7650, -33.0610

# Conversions

## Conversions Part 2

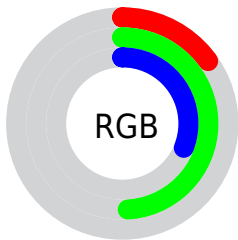
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 99, 126
Decimal	2588239
CIELab	46.87, -37.25, 18.28
CIELCh	47, 41.490, 153.856
Yxy	15.9176, 0.2728, 0.4473
Android (android.graphics.Color)	4280778319 (0xFF277E4F)
YUV	94.6290, -7.7051, -48.7866
Hunter-Lab	39.8968, -26.3817, 13.1296

# Details

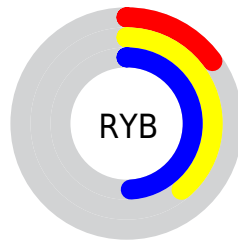
The Hex color **277E4F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7E2756**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5FB381**, and **004C22** is the 20% darker color. If you saturate the color by 10%, you get **1A7E48**, and if you desaturate by 10%, it is **347E56**.

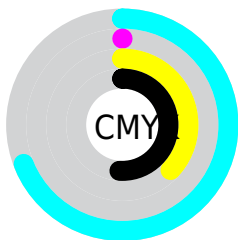
# Distribution



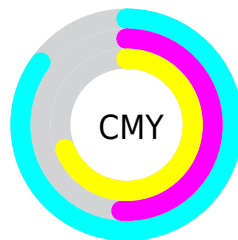
- Red (15%)
- Green (49%)
- Blue (31%)



- Red (15%)
- Yellow (39%)
- Blue (49%)



- Cyan (69%)
- Magenta (0%)
- Yellow (37%)
- Black (51%)



- Cyan (85%)
- Magenta (51%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 277E4F 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 277E4F by changing the saturation by 10% instead.





277E4F



277E4F

FFFFFF



006438



5FB381



004C22



7BCF9B



00340C



96ECB6



002000



B2FFD1



000000



CFFFE0



ECFFFF



277E4F



277E4F



1A7E48



347E56

■ 0E7E41

■ 407E5D

■ 017E3B

■ 4D7E63

■ 007E3A

■ 597E6A

■ 667E71

■ 737E78

■ 7F7E7F

■ 8C7E85

■ 987E8C

# Harmonies

## Analogous

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



5A7832



277E4F



008073

# Triad

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



277E4F



3371B5



AD564A

# Complementary

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



277E4F



7E2756

# 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.



AF506C



277E4F



7764A9

# Square

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



277E4F



007BAD



9D578E



9B6230

# Rectangle

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



277E4F



00808A



9D578E



AF5355



# Sweetspot

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



277E4F



81A391



577E27



3D5247



D1D1D1



525252



# Same Dimension

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



277E4F



1CA35A



277E7A



39403C



00803B



000000



# Inverse Universe

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



7E2756



A31C65



7E272B



40393D



800045

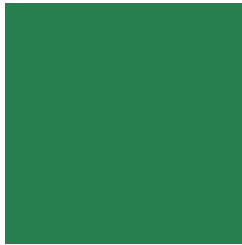


000000



# Previews

## White Background



This preview shows how the Hex color 277E4F looks on a white background.

## Color Contrast Check

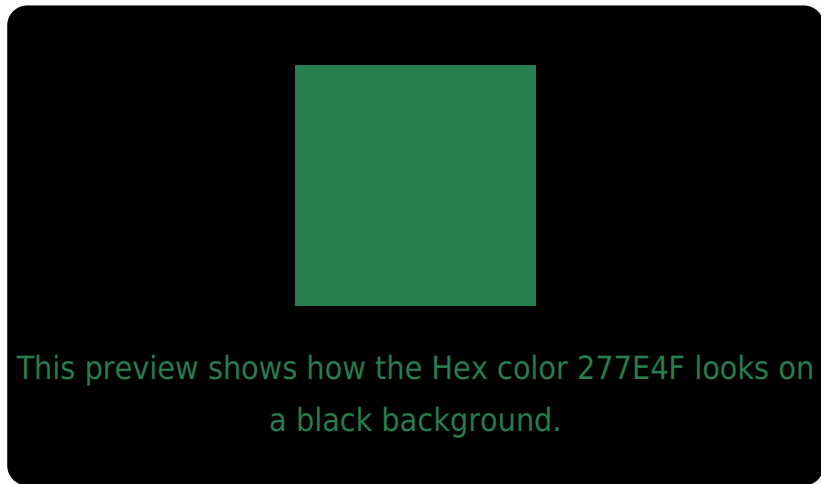
Large Text (above 18pt) WCAG AA ✓ Pass

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

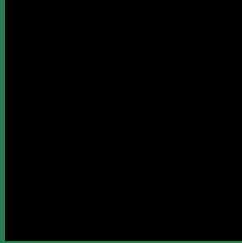
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 277E4F Background



This preview shows how black text looks on a background with the Hex color 277E4F.



This preview shows how white text looks on a background with the Hex color 277E4F.

# 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



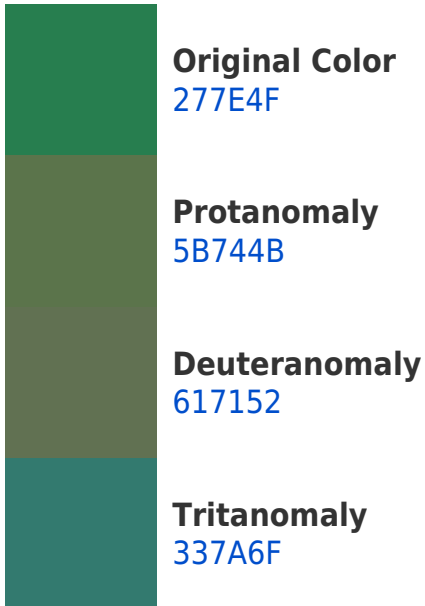
**Original Color**  
277E4F

**Protanopia**  
786E49

**Deuteranopia**  
826A54



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 277E4F 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 #277E4F looks like.

```
.text, #text, p{  
    color:#277E4F  
}
```

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 #277E4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #277E4F
}
```

## Border

The CSS property to change the border of an element to Hex 277E4F 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
#277E4F }
```

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

```
.border{ border-color:#277E4F }
```

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

Here you see how a box with a 4 pixel #277E4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #277E4F; -webkit-box-shadow:4px 4px  
4px 4px #277E4F; box-shadow:4px 4px 4px  
4px #277E4F }
```

# Background

The CSS property to change the background color of an element to Hex 277E4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#277E4F }
```

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

```
.background{ background-color:#277E4F }
```

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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