

Converting Colors

Hex(277F5F)

Have a look what the booklet for
Hex(277F5F) contains.

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Color

Hex(277F5F)

Conversions

Conversions Part 1

Format	Color
Hex	277F5F
RGB	39, 127, 95
RGB Percent	15%, 50%, 37%
CMY	0.8471, 0.5020, 0.6275
CMYK	0.69, 0.00, 0.25, 0.50
HSL	158°, 53%, 33%
HSV	158°, 69%, 50%
XYZ	10.4916, 16.4363, 13.4460
YIQ	97.0400, -42.1760, -28.6080

Conversions

Conversions Part 2

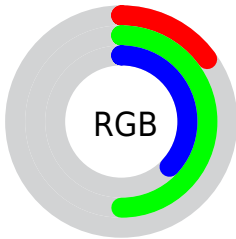
Format	Color
RYB	39, 93, 127
Decimal	2588511
CIELab	47.54, -34.04, 9.96
CIElCh	48, 35.465, 163.691
Yxy	16.4363, 0.2599, 0.4071
Android (android.graphics.Color)	4280778591 (0xFF277F5F)
YUV	97.0400, -1.0057, -50.9011
Hunter-Lab	40.5417, -24.7547, 8.7151

Details

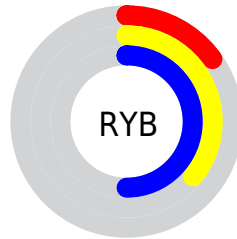
The Hex color **277F5F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7F2747**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **60B491**, and **004D31** is the 20% darker color. If you saturate the color by 10%, you get **1A7F5A**, and if you desaturate by 10%, it is **347F64**.

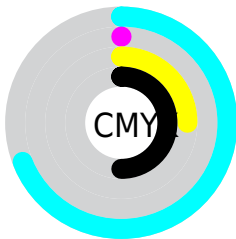
Distribution



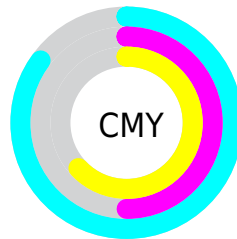
- Red (15%)
- Green (50%)
- Blue (37%)



- Red (15%)
- Yellow (36%)
- Blue (50%)



- Cyan (69%)
- Magenta (0%)
- Yellow (25%)
- Black (50%)



- Cyan (85%)
- Magenta (50%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 277F5F 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 277F5F by changing the saturation by 10% instead.



277F5F



277F5F

FFFFFF



006647



60B491



004D31



7BD0AC



00351C



97EDC7



002202



B3FFE3



000000



CFFFFFF



EDFFFF



277F5F



277F5F



1A7F5A



347F64

■ 0E7F56

■ 407F68

■ 017F51

■ 4D7F6D

■ 007F51

■ 5A7F71

■ 667F76

■ 737F7B

■ 807F7F

■ 8D7F84

■ 997F89

Harmonies

Analogous

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



547B44



277F5F



00807E

Triad

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



277F5F



596FAB



A35F49

Complementary

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



277F5F



7F2747

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.



AA5864



277F5F



85649C

Square

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



277F5F



0079AA



A05A82



916937

Rectangle

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



277F5F



007F91



A05A82



A75C51

Sweetspot

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



277F5F



83A699



477F27



3F544D



D4D4D4



545454

Same Dimension

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



277F5F



1CA674



27737F



39403D



008051



000000

Inverse Universe

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



7F2747



A61C4E



7F3327



40393C



80002E



000000

Previews

White Background



This preview shows how the Hex color 277F5F looks on a white background.

Color Contrast Check

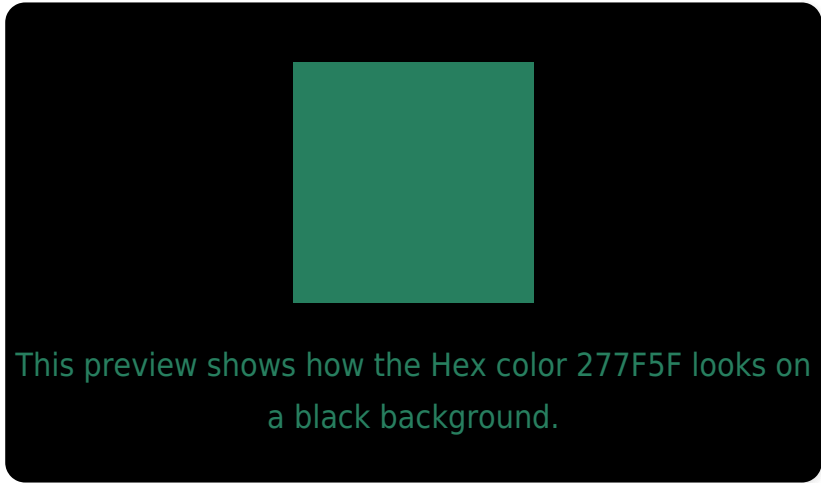
Large Text (above 18pt) WCAG AA ✓ Pass

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

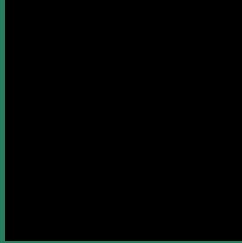
Any Text WCAG AA × Fail

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 277F5F Background



This preview shows how black text looks on a background with the Hex color 277F5F.

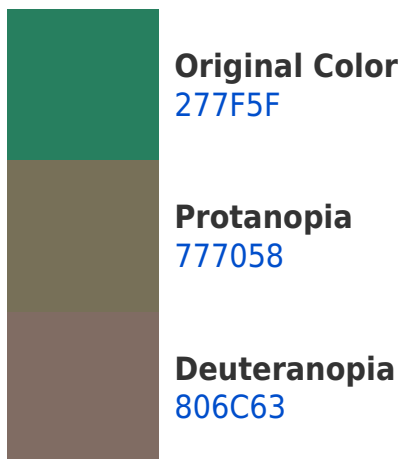


This preview shows how white text looks on a background with the Hex color 277F5F.

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](#).

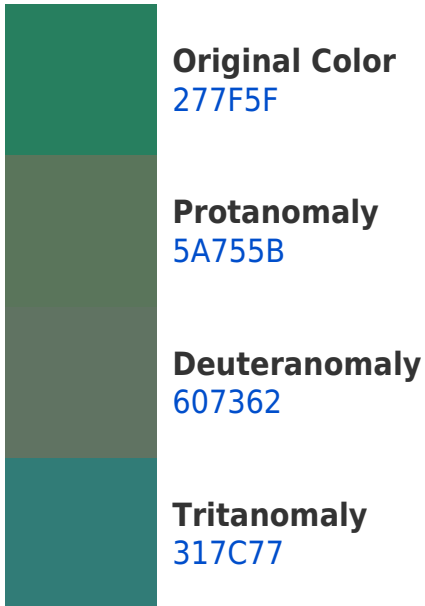
Dichromacy





Tritanopia
377A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 277F5F 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 #277F5F looks like.

```
.text, #text, p{  
    color:#277F5F  
}
```

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 #277F5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #277F5F
}
```

Border

The CSS property to change the border of an element to Hex 277F5F 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
#277F5F }
```

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

```
.border{ border-color:#277F5F }
```

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

Here you see how a box with a 4 pixel #277F5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #277F5F; -webkit-box-shadow:4px 4px  
4px 4px #277F5F; box-shadow:4px 4px 4px  
4px #277F5F }
```

Background

The CSS property to change the background color of an element to Hex 277F5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#277F5F }
```

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

```
.background{ background-color:#277F5F }
```

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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