

Converting Colors

Hex(27836F)

Have a look what the booklet for
Hex(27836F) contains.

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Color

Hex(27836F)

Conversions

Conversions Part 1

Format	Color
Hex	27836F
RGB	39, 131, 111
RGB Percent	15%, 51%, 44%
CMY	0.8471, 0.4863, 0.5647
CMYK	0.70, 0.00, 0.15, 0.49
HSL	167°, 54%, 33%
HSV	167°, 70%, 51%
XYZ	11.8222, 17.8116, 17.8538
YIQ	101.2120, -48.4120, -25.7240

Conversions

Conversions Part 2

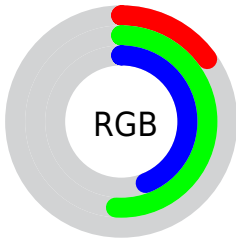
Format	Color
RYB	39, 91, 131
Decimal	2589551
CIELab	49.27, -31.73, 3.06
CIELCh	49, 31.882, 174.490
Yxy	17.8116, 0.2490, 0.3751
Android (android.graphics.Color)	4280779631 (0xFF27836F)
YUV	101.2120, 4.8255, -54.5599
Hunter-Lab	42.2038, -23.8548, 4.4608

Details

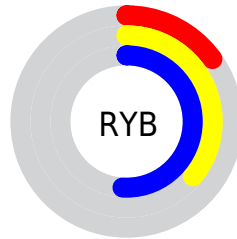
The Hex color **27836F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **83273B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **61B9A3**, and **00513F** is the 20% darker color. If you saturate the color by 10%, you get **1A836C**, and if you desaturate by 10%, it is **348372**.

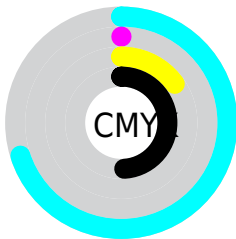
Distribution



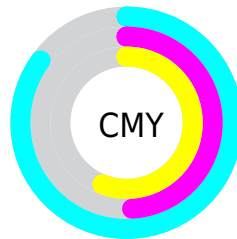
- Red (15%)
- Green (51%)
- Blue (44%)



- Red (15%)
- Yellow (36%)
- Blue (51%)



- Cyan (70%)
- Magenta (0%)
- Yellow (15%)
- Black (49%)



- Cyan (85%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27836F 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 27836F by changing the saturation by 10% instead.



27836F



27836F

FFFFFF



006957



61B9A3



00513F



7DD5BE



00392A



99F1D9



002415



B5FFF6



000000



D2FFFF



FFFFFF



27836F



27836F



1A836C



348372

■ 0D8369

■ 418375

■ 008367

■ 4E8378

■ 5B837A

■ 69837D

■ 768380

■ 838383

■ 908386

■ 9D8389

Harmonies

Analogous

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



508055



27836F



00838B

Triad

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



27836F



7070A6



9F684A

Complementary

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



27836F



83273B

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.



A96160



27836F



926695

Square

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



27836F



4179AB



A5607B



8B723F

Rectangle

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



27836F



00819A



A5607B



A46550

Sweetspot

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



27836F



87ABA3



3C8327



415752



D6D6D6



575757

Same Dimension

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



27836F



1BAB8C



276A83



3C4241



008266



000302

Inverse Universe

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



83273B



AB1B3B



834027



423C3D



82001C



030001

Previews

White Background



This preview shows how the Hex color 27836F looks on a white background.

Color Contrast Check

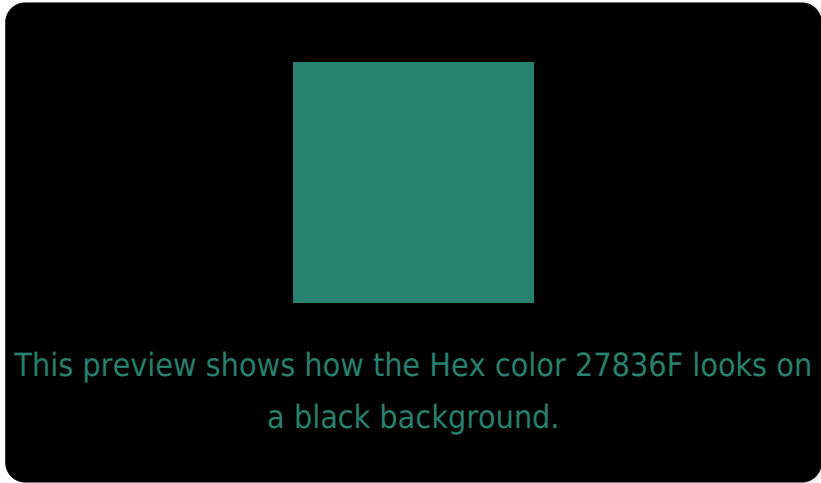
Large Text (above 18pt) WCAG AA ✓ Pass

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

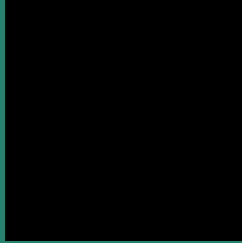
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 27836F Background



This preview shows how black text looks on a background with the Hex color 27836F.

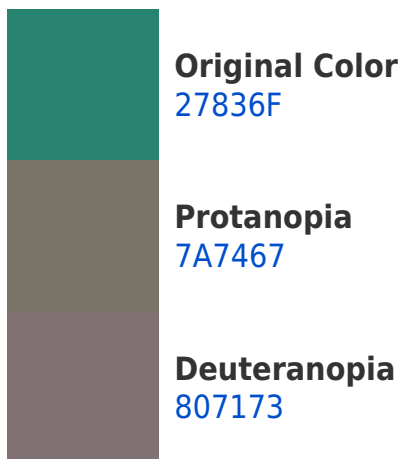


This preview shows how white text looks on a background with the Hex color 27836F.

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
347F8A

Trichromacy



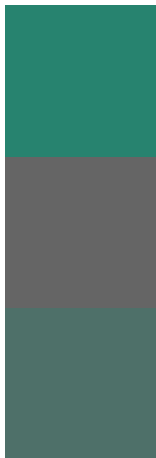
Original Color
27836F

Protanomaly
5C796A

Deuteranomaly
607872

Tritanomaly
2F8080

Monochromacy



Original Color
27836F

Achromatopsia
656565

Achromatomaly
4E7069

CSS Examples

Text

The CSS property to change the color of the text to Hex 27836F 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 #27836F looks like.

```
.text, #text, p{  
    color:#27836F  
}
```

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 #27836F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27836F
}
```

Border

The CSS property to change the border of an element to Hex 27836F 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
#27836F }
```

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

```
.border{ border-color:#27836F }
```

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

Here you see how a box with a 4 pixel #27836F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27836F; -webkit-box-shadow:4px 4px  
4px 4px #27836F; box-shadow:4px 4px 4px  
4px #27836F }
```

Background

The CSS property to change the background color of an element to Hex 27836F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27836F }
```

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

```
.background{ background-color:#27836F }
```

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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