

Converting Colors

Hex(277F39)

Have a look what the booklet for
Hex(277F39) contains.

Hex(277F39)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(277F39)

Conversions

Conversions Part 1

Format	Color
Hex	277F39
RGB	39, 127, 57
RGB Percent	15%, 50%, 22%
CMY	0.8471, 0.5020, 0.7765
CMYK	0.69, 0.00, 0.55, 0.50
HSL	132°, 53%, 33%
HSV	132°, 69%, 50%
XYZ	9.1646, 15.9055, 6.4579
YIQ	92.7080, -29.9780, -40.4260

Conversions

Conversions Part 2

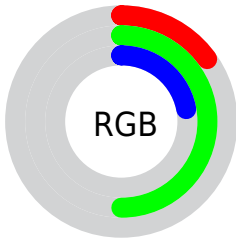
Format	Color
R_{YB}	39, 112, 127
Decimal	2588473
CIE _{Lab}	46.85, -41.63, 30.37
CIE _{LCh}	47, 51.527, 143.891
Yxy	15.9055, 0.2907, 0.5045
Android (android.graphics.Color)	4280778553 (0xFF277F39)
YUV	92.7080, -17.6040, -47.1019
Hunter-Lab	39.8817, -28.7746, 18.3165

Details

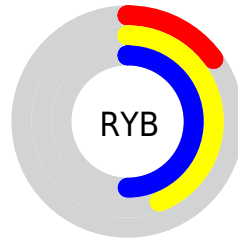
The Hex color **277F39** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7F276D**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **60B56A**, and **004D09** is the 20% darker color. If you saturate the color by 10%, you get **1A7F2F**, and if you desaturate by 10%, it is **347F43**.

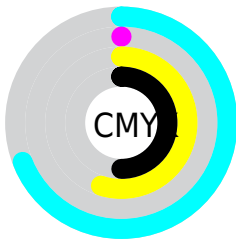
Distribution



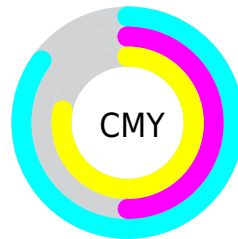
- Red (15%)
- Green (50%)
- Blue (22%)



- Red (15%)
- Yellow (44%)
- Blue (50%)



- Cyan (69%)
- Magenta (0%)
- Yellow (55%)
- Black (50%)



- Cyan (85%)
- Magenta (50%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 277F39 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 277F39 by changing the saturation by 10% instead.

 277F39

 277F39

FFFFFF

 006522

 60B56A

 004D09

 7BD184

 003500

 97ED9E

 002000

 B3FFB9

 000000

 D0FFD5

 EDFFF2

 277F39

 277F39

 1A7F2F

 347F43

■ 0E7F25

■ 407F4D

■ 017F1B

■ 4D7F57

■ 007F1A

■ 5A7F61

■ 667F6C

■ 737F76

■ 807F80

■ 8D7F8A

■ 997F94

Harmonies

Analogous

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



637714



277F39



008364

Triad

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



277F39



0077C5



BC484F

Complementary

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



277F39



7F276D

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.



B8467A



277F39



5E67BF

Square

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



277F39



0080B4



9B54A3



AB5829

Rectangle

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



277F39



008483



9B54A3



BD455D

Sweetspot

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



277F39



83A68A



6D7F27



3F5443



D4D4D4



545454

Same Dimension

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



277F39



1CA638



277F65



39403B



00801A



000000

Inverse Universe

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



7F276D



A61C8A



7F2741



40393E



800065



000000

Previews

White Background



This preview shows how the Hex color 277F39 looks on a white background.

Color Contrast Check

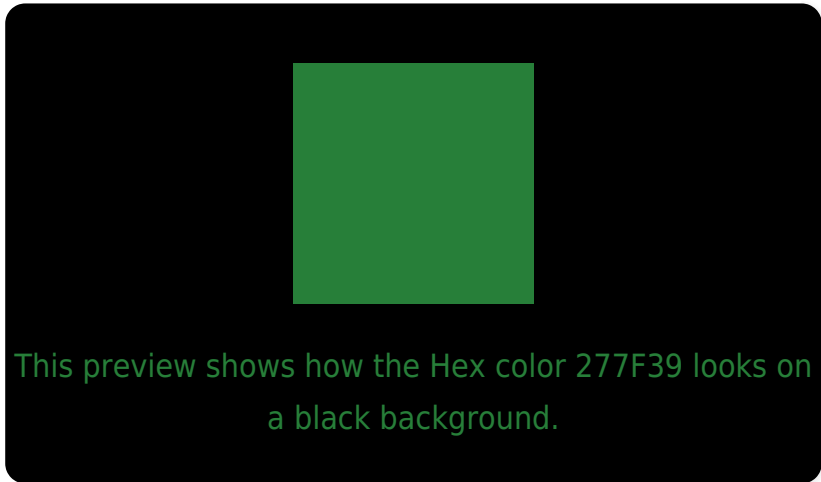
Large Text (above 18pt) WCAG AA ✓ Pass

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 277F39 Background



This preview shows how black text looks on a background with the Hex color 277F39.



This preview shows how white text looks on a background with the Hex color 277F39.

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
277F39

Protanopia
7A6F34

Deuteranopia
87693F



Tritanopia
3D7781

Trichromacy



Original Color
277F39



Protanomaly
5C7536



Deuteranomaly
64713D



Tritanomaly
357A67

Monochromacy



Original Color
277F39



Achromatopsia
5D5D5D



Achromatomaly
496950

CSS Examples

Text

The CSS property to change the color of the text to Hex 277F39 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 #277F39 looks like.

```
.text, #text, p{  
    color:#277F39  
}
```

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 #277F39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #277F39
}
```

Border

The CSS property to change the border of an element to Hex 277F39 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
#277F39 }
```

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

```
.border{ border-color:#277F39 }
```

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

Here you see how a box with a 4 pixel #277F39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #277F39; -webkit-box-shadow:4px 4px  
4px 4px #277F39; box-shadow:4px 4px 4px  
4px #277F39 }
```

Background

The CSS property to change the background color of an element to Hex 277F39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#277F39 }
```

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

```
.background{ background-color:#277F39 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor