

Converting Colors

Hex(267E31)

Have a look what the booklet for
Hex(267E31) contains.

Hex(267E31)	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(267E31)

Conversions

Conversions Part 1

Format	Color
Hex	267E31
RGB	38, 126, 49
RGB Percent	15%, 49%, 19%
CMY	0.8510, 0.5059, 0.8078
CMYK	0.70, 0.00, 0.61, 0.51
HSL	128°, 54%, 32%
HSV	128°, 70%, 49%
XYZ	8.8146, 15.5555, 5.4437
YIQ	90.9100, -27.7310, -42.6030

Conversions

Conversions Part 2

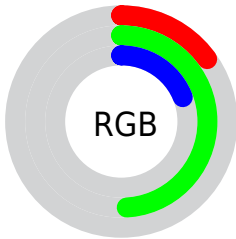
Format	Color
RYB	38, 116, 126
Decimal	2522673
CIELab	46.39, -42.58, 33.88
CIElCh	46, 54.419, 141.491
Yxy	15.5555, 0.2957, 0.5218
Android (android.graphics.Color)	4280712753 (0xFF267E31)
YUV	90.9100, -20.6616, -46.4021
Hunter-Lab	39.4405, -29.1279, 19.4250

Details

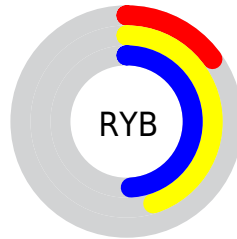
The Hex color **267E31** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7E2673**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5FB462**, and **004C00** is the 20% darker color. If you saturate the color by 10%, you get **197E26**, and if you desaturate by 10%, it is **337E3C**.

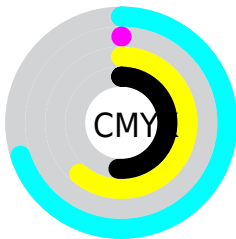
Distribution



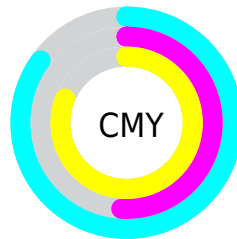
- Red (15%)
- Green (49%)
- Blue (19%)



- Red (15%)
- Yellow (45%)
- Blue (49%)



- Cyan (70%)
- Magenta (0%)
- Yellow (61%)
- Black (51%)



- Cyan (85%)
- Magenta (51%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 267E31 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 267E31 by changing the saturation by 10% instead.

 267E31

 267E31

FFFFFF

 006419

 5FB462

 004C00

 7BD07B

 003400

 97EC96

 001E00

 B3FFB1

 000000

 D0FFCD

 EDFFE9

 267E31

 267E31

 197E26

 337E3C

■ 0D7E1B

■ 3F7E47

■ 007E10

■ 4C7E52

■ 587E5D

■ 657E68

■ 727E73

■ 7E7E7E

■ 8B7E89

■ 977E94

Harmonies

Analogous

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



647504



267E31



00825F

Triad

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



267E31



0077C8



BF424F

Complementary

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



267E31



7E2673

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.



B9417D



267E31



5367C3

Square

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



267E31



0080B5



9852A7



AF5426

Rectangle

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



267E31



00837F



9852A7



BF3F5E

Sweetspot

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



267E31



81A385



747E26



3D5240



D1D1D1



525252

Same Dimension

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



267E31



1AA32B



267E5C



39403A



008010



000000

Inverse Universe

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



7E2673



A31A92



7E2648



40393F



800070



000000

Previews

White Background



This preview shows how the Hex color 267E31 looks on a white background.

Color Contrast Check

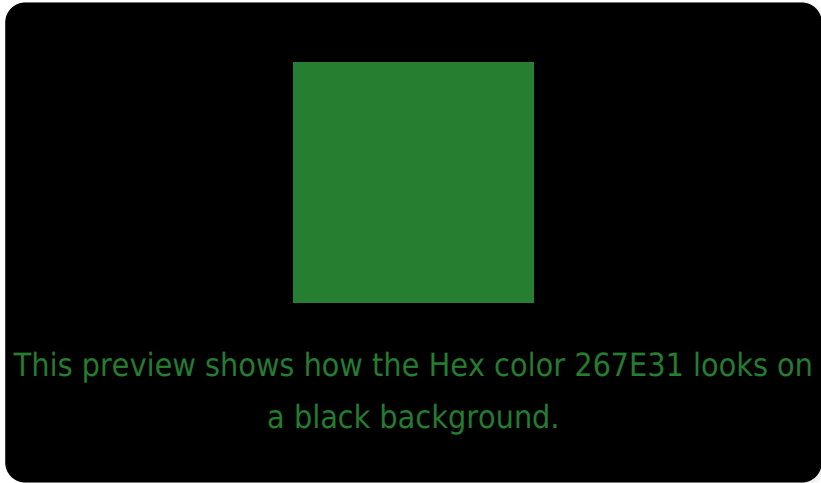
Large Text (above 18pt) WCAG AA ✓ Pass

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

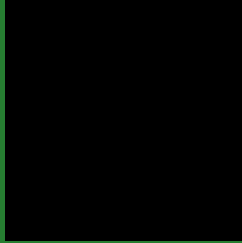
Any Text WCAG AA × Fail

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 267E31 Background



This preview shows how black text looks on a background with the Hex color 267E31.



This preview shows how white text looks on a background with the Hex color 267E31.

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
267E31

Protanopia
7A6D2C

Deuteranopia
866837



Tritanopia
3D7680

Trichromacy



Original Color
267E31



Protanomaly
5B732E



Deuteranomaly
637035



Tritanomaly
357963

Monochromacy



Original Color
267E31



Achromatopsia
5B5B5B



Achromatomaly
48684C

CSS Examples

Text

The CSS property to change the color of the text to Hex 267E31 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 #267E31 looks like.

```
.text, #text, p{  
    color:#267E31  
}
```

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 #267E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #267E31
}
```

Border

The CSS property to change the border of an element to Hex 267E31 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
#267E31 }
```

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

```
.border{ border-color:#267E31 }
```

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

Here you see how a box with a 4 pixel #267E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #267E31; -webkit-box-shadow:4px 4px  
4px 4px #267E31; box-shadow:4px 4px 4px  
4px #267E31 }
```

Background

The CSS property to change the background color of an element to Hex 267E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#267E31 }
```

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

```
.background{ background-color:#267E31 }
```

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