

Converting Colors

Hex(267F47)

Have a look what the booklet for
Hex(267F47) contains.

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Color

Hex(267F47)

Conversions

Conversions Part 1

Format	Color
Hex	267F47
RGB	38, 127, 71
RGB Percent	15%, 50%, 28%
CMY	0.8510, 0.5020, 0.7216
CMYK	0.70, 0.00, 0.44, 0.50
HSL	142°, 54%, 32%
HSV	142°, 70%, 50%
XYZ	9.5260, 16.0457, 8.5563
YIQ	94.0050, -35.0680, -36.2840

Conversions

Conversions Part 2

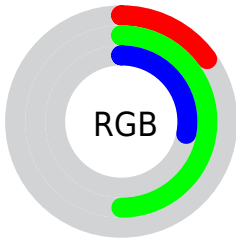
Format	Color
RYB	38, 103, 127
Decimal	2522951
CIELab	47.03, -39.45, 23.01
CIELCh	47, 45.670, 149.739
Yxy	16.0457, 0.2791, 0.4702
Android (android.graphics.Color)	4280713031 (0xFF267F47)
YUV	94.0050, -11.3415, -49.1164
Hunter-Lab	40.0571, -27.6507, 15.3755

Details

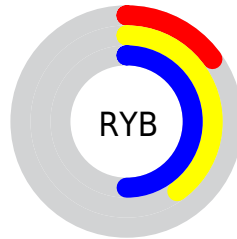
The Hex color **267F47** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7F265E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5FB578**, and **004D1A** is the 20% darker color. If you saturate the color by 10%, you get **197F3F**, and if you desaturate by 10%, it is **337F4F**.

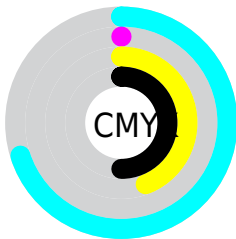
Distribution



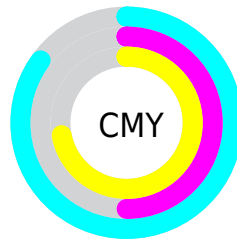
- Red (15%)
- Green (50%)
- Blue (28%)



- Red (15%)
- Yellow (40%)
- Blue (50%)



- Cyan (70%)
- Magenta (0%)
- Yellow (44%)
- Black (50%)



- Cyan (85%)
- Magenta (50%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 267F47 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 267F47 by changing the saturation by 10% instead.

 267F47

 267F47

FFFFFF

 006530

 5FB578

 004D1A

 7AD092

 003501

 96EDAD

 002000

 B2FFC8

 000000

 CFFFE5

 ECFFFF

 267F47

 267F47

 197F3F

 337F4F

 0D7F37

 3F7F57

 007F2F

 4C7F5F

 597F67

 667F6F

 727F77

 7F7F7F

 8C7F87

 987F8F

Harmonies

Analogous

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



5E7828



267F47



00826E

Triad

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



267F47



0074BC



B4514C

Complementary

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



267F47



7F265E

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.



B34C71



267F47



6F66B2

Square

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



267F47



007DB1



9E5697



A25F2D

Rectangle

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



267F47



008288



9E5697



B64E58

Sweetspot

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



267F47



83A690



5E7F26



3F5447



D4D4D4



545454

Same Dimension

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



267F47



1BA64E



267F73



39403C



00802F



000000

Inverse Universe

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



7F265E



A61B72



7F2632



40393D



800050



000000

Previews

White Background



This preview shows how the Hex color 267F47 looks on a white background.

Color Contrast Check

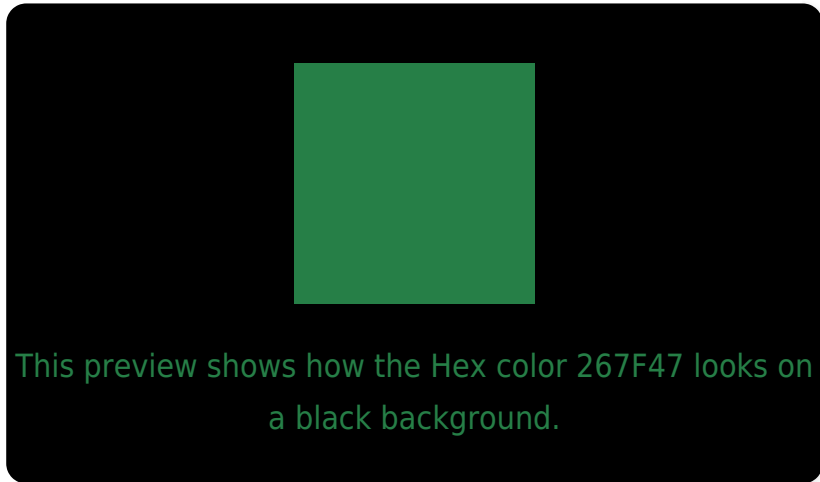
Large Text (above 18pt) WCAG AA ✓ Pass

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

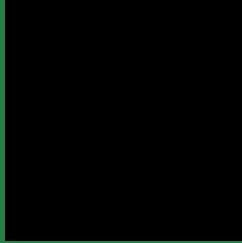
Any Text WCAG AA × Fail

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 267F47 Background



This preview shows how black text looks on a background with the Hex color 267F47.

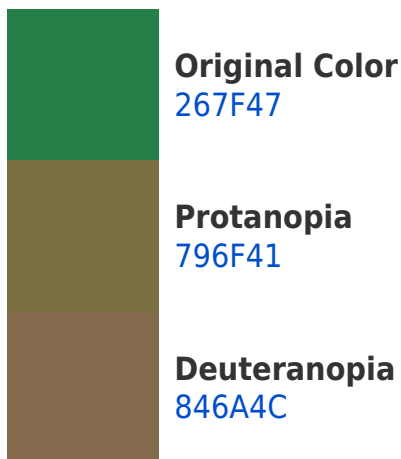


This preview shows how white text looks on a background with the Hex color 267F47.

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](#).

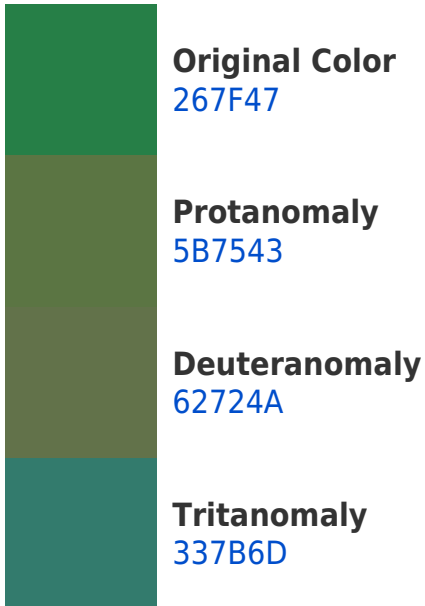
Dichromacy



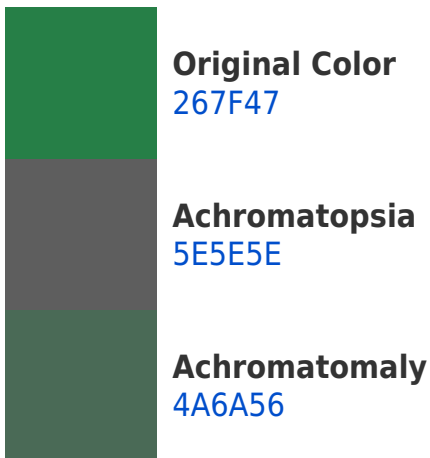


Tritanopia
3B7882

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 267F47 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 #267F47 looks like.

```
.text, #text, p{  
    color:#267F47  
}
```

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 #267F47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #267F47
}
```

Border

The CSS property to change the border of an element to Hex 267F47 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
#267F47 }
```

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

```
.border{ border-color:#267F47 }
```

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

Here you see how a box with a 4 pixel #267F47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #267F47; -webkit-box-shadow:4px 4px  
4px 4px #267F47; box-shadow:4px 4px 4px  
4px #267F47 }
```

Background

The CSS property to change the background color of an element to Hex 267F47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#267F47 }
```

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

```
.background{ background-color:#267F47 }
```

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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