

# Converting Colors

Hex(267867)

Have a look what the booklet for  
Hex(267867) contains.

<b>Hex(267867)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(267867)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	267867
RGB	38, 120, 103
RGB Percent	15%, 47%, 40%
CMY	0.8510, 0.5294, 0.5961
CMYK	0.68, 0.00, 0.14, 0.53
HSL	168°, 52%, 31%
HSV	168°, 68%, 47%
XYZ	9.9640, 14.8243, 15.1682
YIQ	93.5440, -43.4150, -22.6710

# Conversions

## Conversions Part 2

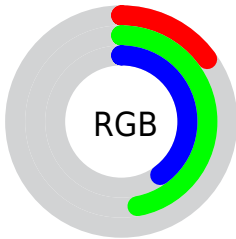
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 84, 120
Decimal	2521191
CIE <sub>Lab</sub>	45.39, -28.86, 2.17
CIE <sub>LCh</sub>	45, 28.946, 175.699
Y <sub>xy</sub>	14.8243, 0.2494, 0.3710
Android (android.graphics.Color)	4280711271 (0xFF267867)
<b>YUV</b>	93.5440, 4.6618, -48.7121
Hunter-Lab	38.5023, -21.1852, 3.5940

# Details

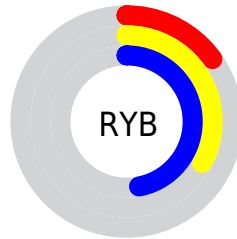
The Hex color **267867** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **782637**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5EAD9A**, and **004738** is the 20% darker color. If you saturate the color by 10%, you get **1A7865**, and if you desaturate by 10%, it is **327869**.

# Distribution



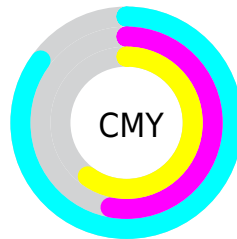
- Red (15%)
- Green (47%)
- Blue (40%)



- Red (15%)
- Yellow (33%)
- Blue (47%)



- Cyan (68%)
- Magenta (0%)
- Yellow (14%)
- Black (53%)



- Cyan (85%)
- Magenta (53%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 267867 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 267867 by changing the saturation by 10% instead.



 267867

 267867

FFFFFF

 005F4F

 5EAD9A

 004738

 79C8B5

 003023

 95E5D0

 001C0D

 B1FFED

 000000

 CDFFFF

 EAFFFF

 267867

 267867

 1A7865

 327869

■ 0E7862

■ 3E786C

■ 027860

■ 4A786E

■ 00785F

■ 567871

■ 627873

■ 6E7876

■ 7A7878

■ 86787B

■ 92787D

# Harmonies

## Analogous

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



49754F



267867



007880

# Triad

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



267867



696697



916044

# Complementary

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



267867



782637

# 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.



9A5A58



267867



865E87

# Square

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



267867



406F9B



975970



7E693B

# Rectangle

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



267867



00768D



975970



955E4A



# Sweetspot

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



267867



7B9C95



387826



3B4F4B



CFCFCF



4F4F4F



# Same Dimension

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



267867



1C9C81



266178



373D3C



007D63



00FCC8



# Inverse Universe

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



782637



9C1C36



783D26



3D3738



7D001A

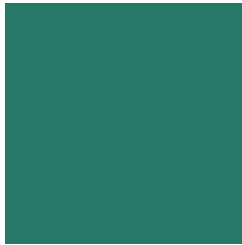


FC0034



# Previews

## White Background



This preview shows how the Hex color 267867 looks on a white background.

## Color Contrast Check

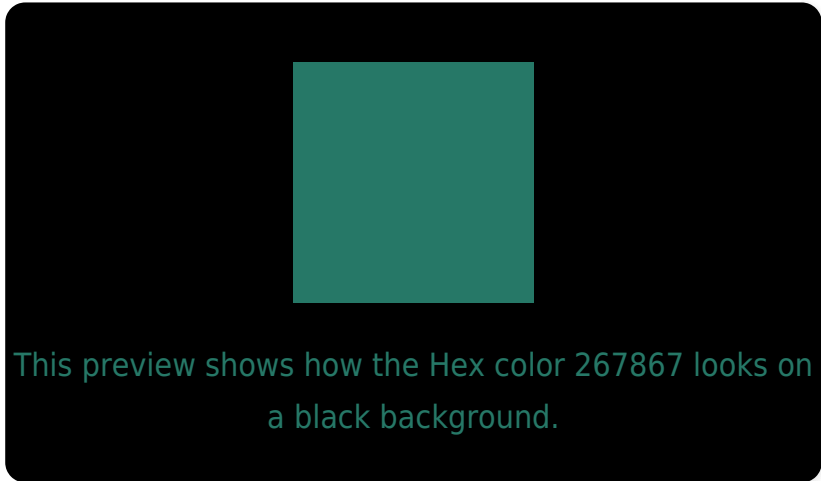
Large Text (above 18pt) WCAG AA ✓ Pass

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

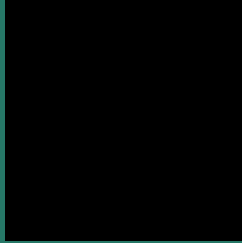
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 267867 Background



This preview shows how black text looks on a background with the Hex color 267867.



This preview shows how white text looks on a background with the Hex color 267867.

# 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**  
267867

**Protanopia**  
6F6B60

**Deuteranopia**  
75676B



**Tritanopia**  
31757E

# Trichromacy



**Original Color**  
267867

**Protanomaly**  
547063

**Deuteranomaly**  
586D6A

**Tritanomaly**  
2D7676

# Monochromacy



**Original Color**  
267867

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
4A6761

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 267867 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 #267867 looks like.

```
.text, #text, p{  
  color:#267867  
}
```

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 #267867 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #267867
}
```

## Border

The CSS property to change the border of an element to Hex 267867 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
#267867 }
```

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

```
.border{ border-color:#267867 }
```

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

Here you see how a box with a 4 pixel #267867 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #267867; -webkit-box-shadow:4px 4px  
4px 4px #267867; box-shadow:4px 4px 4px  
4px #267867 }
```

# Background

The CSS property to change the background color of an element to Hex 267867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#267867 }
```

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

```
.background{ background-color:#267867 }
```

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