

# Converting Colors

Hex(267545)

Have a look what the booklet for  
Hex(267545) contains.

<b>Hex(267545)</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(267545)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	267545
RGB	38, 117, 69
RGB Percent	15%, 46%, 27%
CMY	0.8510, 0.5412, 0.7294
CMYK	0.68, 0.00, 0.41, 0.54
HSL	144°, 51%, 30%
HSV	144°, 68%, 46%
XYZ	8.2348, 13.5643, 7.8144
YIQ	87.9070, -31.6760, -31.6760

# Conversions

## Conversions Part 2

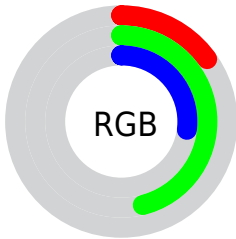
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 95, 117
Decimal	2520389
CIELab	43.60, -35.66, 19.65
CIELCh	44, 40.712, 151.145
Yxy	13.5643, 0.2781, 0.4580
Android (android.graphics.Color)	4280710469 (0xFF267545)
YUV	87.9070, -9.3212, -43.7684
Hunter-Lab	36.8298, -24.5411, 13.2009

# Details

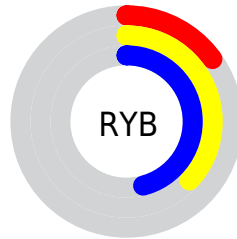
The Hex color **267545** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **752656**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5DAA76**, and **004419** is the 20% darker color. If you saturate the color by 10%, you get **1A753E**, and if you desaturate by 10%, it is **32754C**.

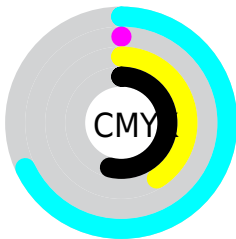
# Distribution



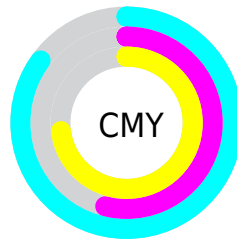
- Red (15%)
- Green (46%)
- Blue (27%)



- Red (15%)
- Yellow (37%)
- Blue (46%)



- Cyan (68%)
- Magenta (0%)
- Yellow (41%)
- Black (54%)



- Cyan (85%)
- Magenta (54%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 267545 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 267545 by changing the saturation by 10% instead.



 267545

 267545

FFFFFF

 005C2E

 5DAA76

 004419

 78C590

 002D00

 93E2AA

 001500

 AFFFC6

 000000

 CBFFE2

 E8FFFE

 267545

 267545

 1A753E

 32754C

■ 0F7537

■ 3D7553

■ 037530

■ 49755A

■ 00752E

■ 557561

■ 617569

■ 6C7570

■ 787577

■ 84757E

■ 8F7585

# Harmonies

## Analogous

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



566F2A



267545



007867

# Triad

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



267545



1E6AAA



A34D46

# Complementary

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



267545



752656

# 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.



A44967



267545



6A5EA1

# Square

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



267545



0073A2



915088



93592C

# Rectangle

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



267545



00787E



915088



A54A51



# Sweetspot

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



267545



7A9986



577526



3A4D41



CCCCCC



4D4D4D



# Same Dimension

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



267545



1D994E



26756C



353B37



007A30



00FA62



# Inverse Universe

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



752656



991D68



75262F



3B3538



7A004A

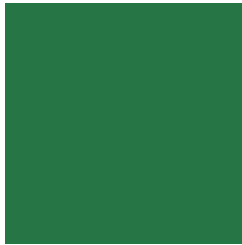


FA0098



# Previews

## White Background



This preview shows how the Hex color 267545 looks on a white background.

## Color Contrast Check

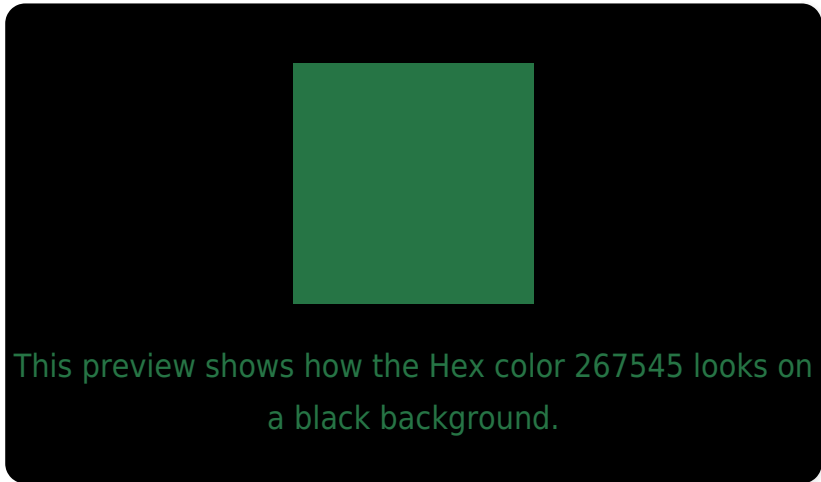
Large Text (above 18pt) WCAG AA ✓ Pass

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

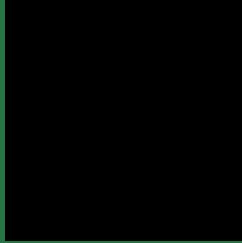
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 267545 Background



This preview shows how black text looks on a background with the Hex color 267545.



This preview shows how white text looks on a background with the Hex color 267545.

# 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**  
267545

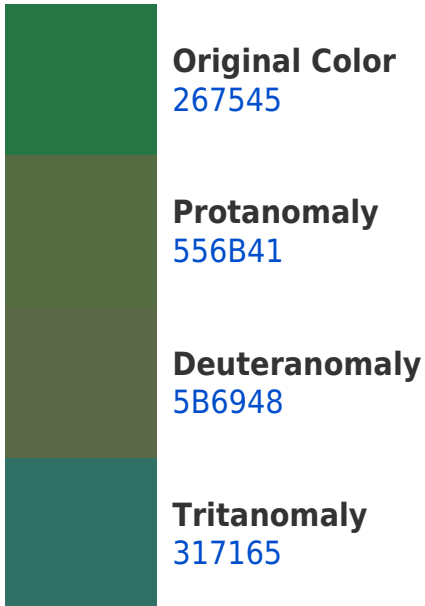
**Protanopia**  
70663F

**Deuteranopia**  
7A6249

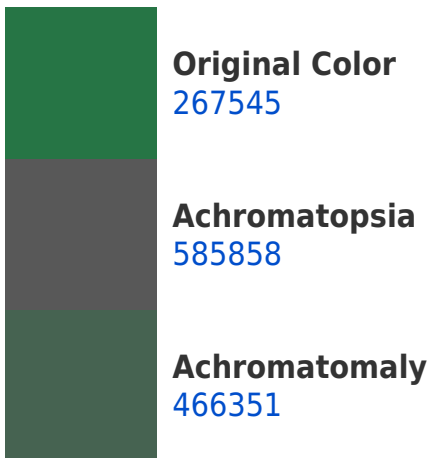


**Tritanopia**  
376F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 267545 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 #267545 looks like.

```
.text, #text, p{  
    color:#267545  
}
```

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 #267545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #267545  
}
```

## Border

The CSS property to change the border of an element to Hex 267545 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  
#267545 }
```

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

```
.border{ border-color:#267545 }
```

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

Here you see how a box with a 4 pixel #267545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #267545; -webkit-box-shadow:4px 4px  
4px 4px #267545; box-shadow:4px 4px 4px  
4px #267545 }
```

# Background

The CSS property to change the background color of an element to Hex 267545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#267545 }
```

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

```
.background{ background-color:#267545 }
```

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**