

# Converting Colors

Hex(257349)

Have a look what the booklet for  
Hex(257349) contains.

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# Color

Hex(257349)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	257349
RGB	37, 115, 73
RGB Percent	15%, 45%, 29%
CMY	0.8549, 0.5490, 0.7137
CMYK	0.68, 0.00, 0.37, 0.55
HSL	148°, 51%, 30%
HSV	148°, 68%, 45%
XYZ	8.0963, 13.1358, 8.4121
YIQ	86.8900, -33.0060, -29.5980

# Conversions

## Conversions Part 2

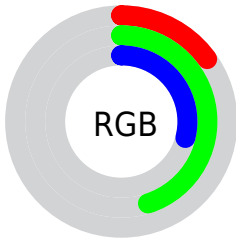
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 90, 115
Decimal	2454345
CIELab	42.97, -34.17, 16.49
CIELCh	43, 37.940, 154.244
Yxy	13.1358, 0.2731, 0.4431
Android (android.graphics.Color)	4280644425 (0xFF257349)
YUV	86.8900, -6.8478, -43.7535
Hunter-Lab	36.2434, -23.5514, 11.6092

# Details

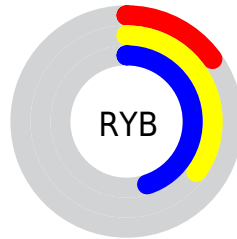
The Hex color **257349** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **73254F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5CA87A**, and **00421D** is the 20% darker color. If you saturate the color by 10%, you get **197343**, and if you desaturate by 10%, it is **30734F**.

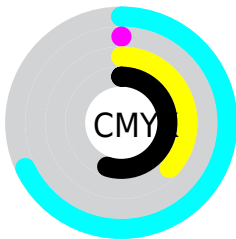
# Distribution



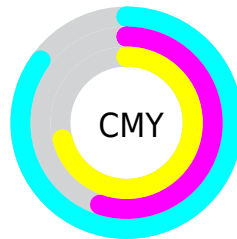
- Red (15%)
- Green (45%)
- Blue (29%)



- Red (15%)
- Yellow (35%)
- Blue (45%)



- Cyan (68%)
- Magenta (0%)
- Yellow (37%)
- Black (55%)



- Cyan (85%)
- Magenta (55%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 257349 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 257349 by changing the saturation by 10% instead.



 257349

 257349

FFFFFF

 005A32

 5CA87A

 00421D

 76C394

 002B05

 92DFAE

 001200

 ADFCCA

 000000

 CAFFE6

 E6FFFF

 257349

 257349

 197343

 30734F

■ 0E733D

■ 3C7355

■ 027336

■ 48735C

■ 007335

■ 537362

■ 5E7368

■ 6A736E

■ 767374

■ 81737B

■ 8C7381

# Harmonies

## Analogous

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



536E2F



257349



007569

# Triad

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



257349



3267A4



9D4F44

# Complementary

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



257349



73254F

# 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.



9F4A62



257349



6D5B99

# Square

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



257349



00709D



904F81



8D5A2D

# Rectangle

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



257349



00757E



904F81



9F4C4D



# Sweetspot

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



257349



789686



507325



3A4D43



CCCCCC



4D4D4D



# Same Dimension

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



257349



1D9655



25736F



353B37



007A38



00FA73



# Inverse Universe

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



73254F



961D5E



732529



3B3538



7A0042



FA0087



# Previews

## White Background



This preview shows how the Hex color 257349 looks on a white background.

## Color Contrast Check

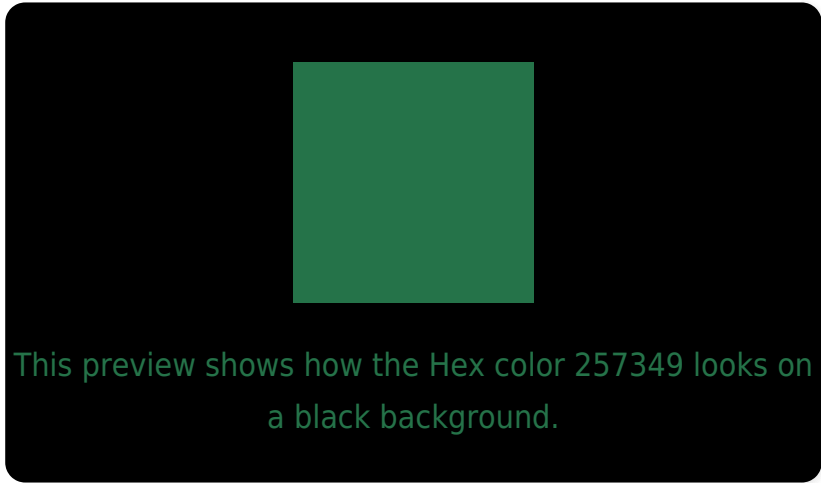
Large Text (above 18pt) WCAG AA ✓ Pass

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 257349 Background



This preview shows how black text looks on a background with the Hex color 257349.



This preview shows how white text looks on a background with the Hex color 257349.

# 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**  
257349

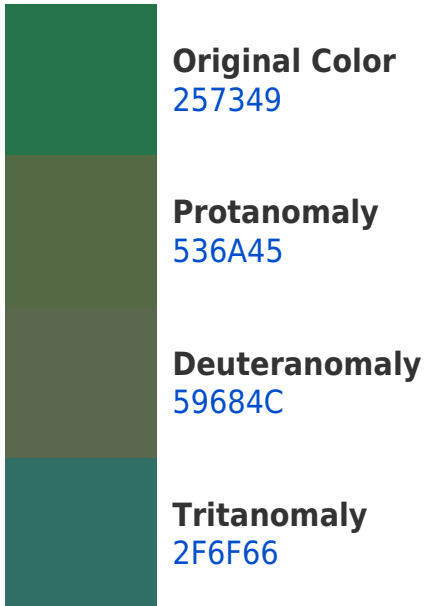
**Protanopia**  
6D6543

**Deuteranopia**  
77614D

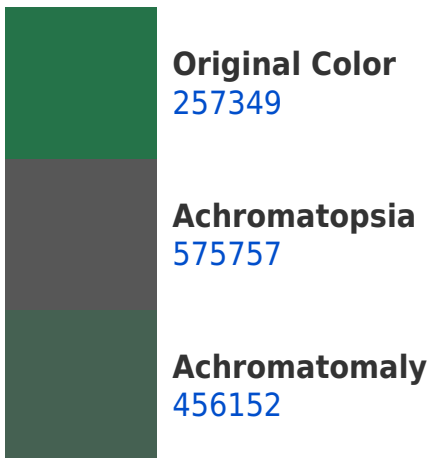


**Tritanopia**  
356D76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 257349 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 #257349 looks like.

```
.text, #text, p{  
    color:#257349  
}
```

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 #257349 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #257349
}
```

## Border

The CSS property to change the border of an element to Hex 257349 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
#257349 }
```

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

```
.border{ border-color:#257349 }
```

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

Here you see how a box with a 4 pixel #257349 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #257349; -webkit-box-shadow:4px 4px  
4px 4px #257349; box-shadow:4px 4px 4px  
4px #257349 }
```

# Background

The CSS property to change the background color of an element to Hex 257349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#257349 }
```

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

```
.background{ background-color:#257349 }
```

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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