

Converting Colors

Hex(257447)

Have a look what the booklet for
Hex(257447) contains.

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Color

Hex(257447)

Conversions

Conversions Part 1

Format	Color
Hex	257447
RGB	37, 116, 71
RGB Percent	15%, 45%, 28%
CMY	0.8549, 0.5451, 0.7216
CMYK	0.68, 0.00, 0.39, 0.55
HSL	146°, 52%, 30%
HSV	146°, 68%, 45%
XYZ	8.1457, 13.3390, 8.1066
YIQ	87.2490, -32.6390, -30.7430

Conversions

Conversions Part 2

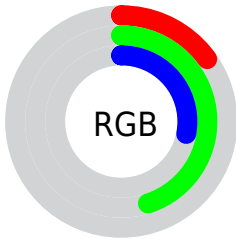
Format	Color
RYB	37, 92, 116
Decimal	2454599
CIELab	43.27, -35.03, 18.05
CIELCh	43, 39.406, 152.736
Yxy	13.3390, 0.2753, 0.4508
Android (android.graphics.Color)	4280644679 (0xFF257447)
YUV	87.2490, -8.0108, -44.0684
Hunter-Lab	36.5226, -24.1036, 12.4058

Details

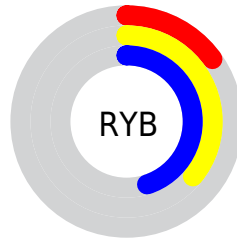
The Hex color **257447** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **742552**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5CA978**, and **00431B** is the 20% darker color. If you saturate the color by 10%, you get **197440**, and if you desaturate by 10%, it is **31744E**.

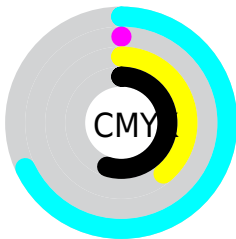
Distribution



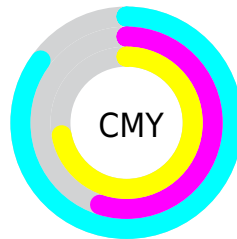
- Red (15%)
- Green (45%)
- Blue (28%)



- Red (15%)
- Yellow (36%)
- Blue (45%)



- Cyan (68%)
- Magenta (0%)
- Yellow (39%)
- Black (55%)



- Cyan (85%)
- Magenta (55%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 257447 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 257447 by changing the saturation by 10% instead.

 257447

 257447

FFFFFF

 005B30

 5CA978

 00431B

 77C492

 002C02

 92E1AC

 001400

 AEFDC8

 000000

 CAFFE4

 E7FFFF

 257447

 257447

 197440

 31744E

 0E743A

 3C7454

 027433

 48745B

 007432

 537461

 5F7468

 6B746F

 767475

 82747C

 8D7482

Harmonies

Analogous

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



546F2C



257447



007668

Triad

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



257447



2969A7



A04E45

Complementary

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



257447



742552

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.



A14965



257447



6C5C9D

Square

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



257447



0071A0



915085



905A2C

Rectangle

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



257447



00767E



915085



A24B4F

Sweetspot

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



257447



789685



537425



3A4D42



CCCCCC



4D4D4D

Same Dimension

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



257447



1B9650



25746D



353B37



007A35



00FA6C

Inverse Universe

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



742552



961B61



74252C



3B3538



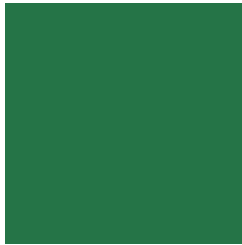
7A0046



FA008E

Previews

White Background



This preview shows how the Hex color 257447 looks on a white background.

Color Contrast Check

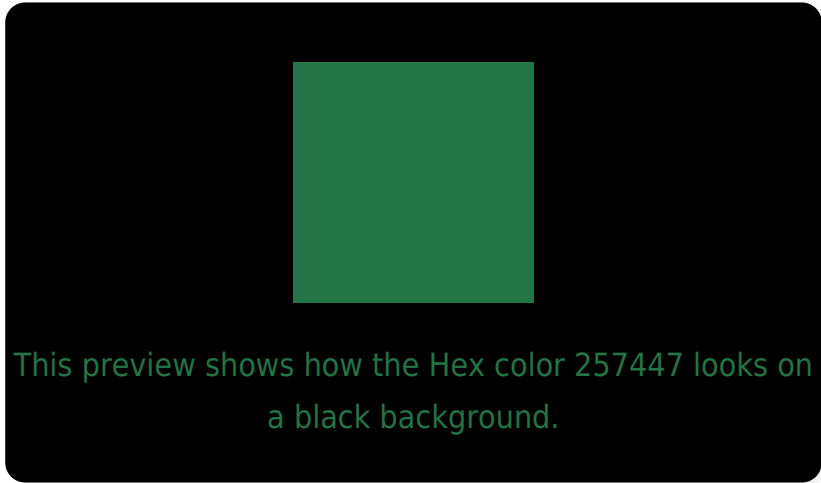
Large Text (above 18pt) WCAG AA ✓ Pass

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 257447 Background



This preview shows how black text looks on a background with the Hex color 257447.



This preview shows how white text looks on a background with the Hex color 257447.

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
257447

Protanopia
6F6641

Deuteranopia
78614B



Tritanopia
366E77

Trichromacy



Original Color
257447

Protanomaly
546B43

Deuteranomaly
5A684A

Tritanomaly
307066

Monochromacy



Original Color
257447

Achromatopsia
575757

Achromatomaly
456251

CSS Examples

Text

The CSS property to change the color of the text to Hex 257447 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 #257447 looks like.

```
.text, #text, p{  
    color:#257447  
}
```

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 #257447 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #257447
}
```

Border

The CSS property to change the border of an element to Hex 257447 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
#257447 }
```

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

```
.border{ border-color:#257447 }
```

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

Here you see how a box with a 4 pixel #257447 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #257447; -webkit-box-shadow:4px 4px  
4px 4px #257447; box-shadow:4px 4px 4px  
4px #257447 }
```

Background

The CSS property to change the background color of an element to Hex 257447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#257447 }
```

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

```
.background{ background-color:#257447 }
```

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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