

Converting Colors

Hex(247239)

Have a look what the booklet for
Hex(247239) contains.

Hex(247239)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(247239)

Conversions

Conversions Part 1

Format	Color
Hex	247239
RGB	36, 114, 57
RGB Percent	14%, 45%, 22%
CMY	0.8588, 0.5529, 0.7765
CMYK	0.68, 0.00, 0.50, 0.55
HSL	136°, 52%, 29%
HSV	136°, 68%, 45%
XYZ	7.4834, 12.7051, 5.9288
YIQ	84.1800, -28.1910, -34.2630

Conversions

Conversions Part 2

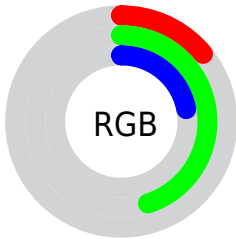
Format	Color
R_{YB}	36, 97, 114
Decimal	2388537
CIE _{Lab}	42.32, -37.06, 24.74
CIE _{LCh}	42, 44.558, 146.275
Yxy	12.7051, 0.2865, 0.4865
Android (android.graphics.Color)	4280578617 (0xFF247239)
YUV	84.1800, -13.3997, -42.2539
Hunter-Lab	35.6442, -24.9019, 15.0891

Details

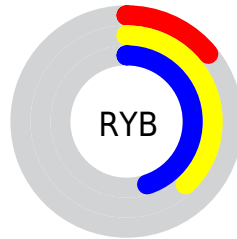
The Hex color **247239** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **72245D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5BA769**, and **00410C** is the 20% darker color. If you saturate the color by 10%, you get **197231**, and if you desaturate by 10%, it is **2F7241**.

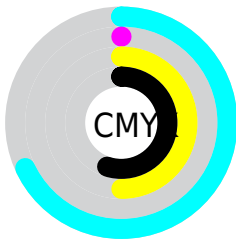
Distribution



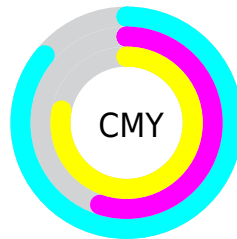
- Red (14%)
- Green (45%)
- Blue (22%)



- Red (14%)
- Yellow (38%)
- Blue (45%)



- Cyan (68%)
- Magenta (0%)
- Yellow (50%)
- Black (55%)



- Cyan (86%)
- Magenta (55%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 247239 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 247239 by changing the saturation by 10% instead.

 247239

 247239

FFFFFF

 005922

 5BA769

 00410C

 76C283

 002A00

 91DE9D

 000F00

 ADFBB8

 000000

 C9FFD4

 E6FFF0

 247239

 247239

 197231

 2F7241

■ 0D7228

■ 3B724A

■ 027220

■ 467252

■ 00721F

■ 52725A

■ 5D7263

■ 68726B

■ 747273

■ 7F727C

■ 8B7284

Harmonies

Analogous

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



576B1C



247239



00755E

Triad

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



247239



0069AD



A54546

Complementary

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



247239



72245D

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.



A3426A



247239



5C5CA6

Square

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



247239



0072A0



8C4C8D



965226

Rectangle

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



247239



007677



8C4C8D



A74251

Sweetspot

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



247239



75947D



5D7224



374A3C



C9C9C9



4A4A4A

Same Dimension

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



247239



1B943B



247260



323834



007820



00F743

Inverse Universe

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



72245D



941B73



722436



383237



780058



F700B5

Previews

White Background



This preview shows how the Hex color 247239 looks on a white background.

Color Contrast Check

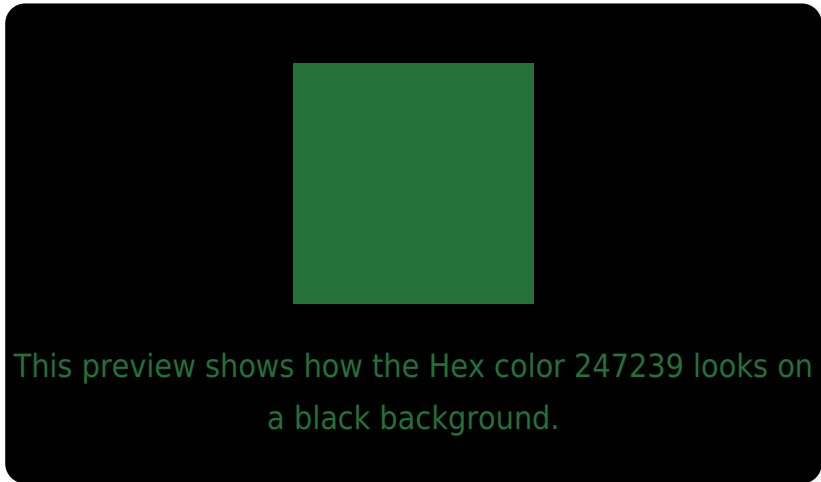
Large Text (above 18pt) WCAG AA ✓ Pass

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

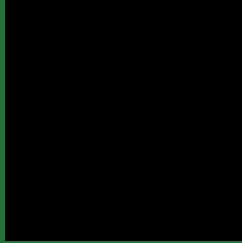
Any Text WCAG AA × Fail

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 247239 Background



This preview shows how black text looks on a background with the Hex color 247239.



This preview shows how white text looks on a background with the Hex color 247239.

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
247239

Protanopia
6E6334

Deuteranopia
785F3E



Tritanopia
376B74

Trichromacy



Original Color
247239

Protanomaly
536836

Deuteranomaly
59663C

Tritanomaly
306E5F

Monochromacy



Original Color
247239

Achromatopsia
545454

Achromatomaly
435F4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 247239 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 #247239 looks like.

```
.text, #text, p{  
    color:#247239  
}
```

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 #247239 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #247239
}
```

Border

The CSS property to change the border of an element to Hex 247239 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".

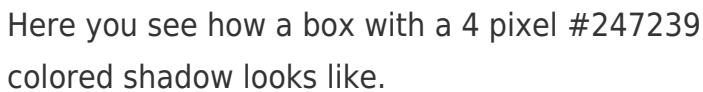
```
.border, #border, table{ border:4px solid
#247239 }
```

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

```
.border{ border-color:#247239 }
```

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

Here you see how a box with a 4 pixel #247239 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #247239; -webkit-box-shadow:4px 4px  
4px 4px #247239; box-shadow:4px 4px 4px  
4px #247239 }
```

Background

The CSS property to change the background color of an element to Hex 247239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#247239 }
```

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

```
.background{ background-color:#247239 }
```

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