

Converting Colors

Hex(247A4D)

Have a look what the booklet for
Hex(247A4D) contains.

Hex(247A4D)	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(247A4D)

Conversions

Conversions Part 1

Format	Color
Hex	247A4D
RGB	36, 122, 77
RGB Percent	14%, 48%, 30%
CMY	0.8588, 0.5216, 0.6980
CMYK	0.70, 0.00, 0.37, 0.52
HSL	149°, 54%, 31%
HSV	149°, 70%, 48%
XYZ	9.0266, 14.8300, 9.4079
YIQ	91.1560, -36.8110, -32.2270

Conversions

Conversions Part 2

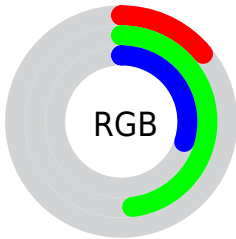
Format	Color
R_{YB}	36, 94, 122
Decimal	2390605
CIE _{Lab}	45.40, -36.54, 17.44
CIE _{LCh}	45, 40.487, 154.477
Yxy	14.8300, 0.2714, 0.4458
Android (android.graphics.Color)	4280580685 (0xFF247A4D)
YUV	91.1560, -6.9789, -48.3718
Hunter-Lab	38.5097, -25.5517, 12.4723

Details

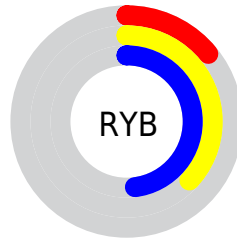
The Hex color **247A4D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7A2451**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5CAF7E**, and **004820** is the 20% darker color. If you saturate the color by 10%, you get **187A47**, and if you desaturate by 10%, it is **307A53**.

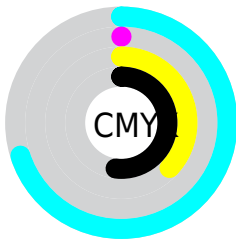
Distribution



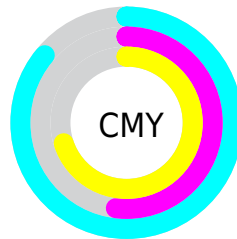
- Red (14%)
- Green (48%)
- Blue (30%)



- Red (14%)
- Yellow (37%)
- Blue (48%)



- Cyan (70%)
- Magenta (0%)
- Yellow (37%)
- Black (52%)



- Cyan (86%)
- Magenta (52%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 247A4D 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 247A4D by changing the saturation by 10% instead.

 247A4D

 247A4D

FFFFFF

 006136

 5CAF7E

 004820

 78CB98

 00310A

 93E7B3

 001B00

 AFFFCF

 000000

 CBFEB

 E8FFF

 247A4D

 247A4D

 187A47

 307A53

■ 0C7A40

■ 3C7A5A

■ 007A3A

■ 497A60

■ 557A67

■ 617A6D

■ 6D7A73

■ 797A7A

■ 867A80

■ 927A86

Harmonies

Analogous

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



577431



247A4D



007C70

Triad

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



247A4D



336DAF



A75347

Complementary

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



247A4D



7A2451

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.



A94E68



247A4D



7460A3

Square

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



247A4D



0077A8



995389



955F2E

Rectangle

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



247A4D



007C86



995389



AA5051

Sweetspot

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



247A4D



7D9E8D



527A24



3B4F45



CFCFCF



4F4F4F

Same Dimension

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



247A4D



189E58



247A77



373D3A



007D3C



00FC78

Inverse Universe

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



7A2451



9E185E



7A2427



3D373A



7D0041



FC0084

Previews

White Background



This preview shows how the Hex color 247A4D looks on a white background.

Color Contrast Check

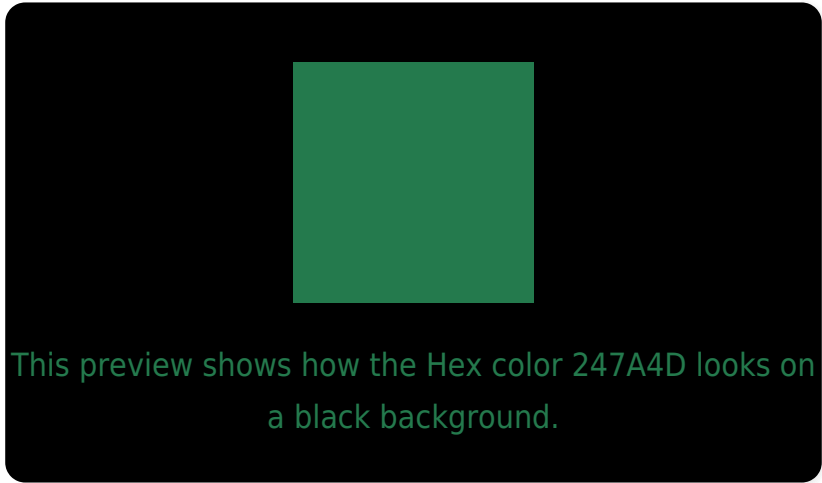
Large Text (above 18pt) WCAG AA ✓ Pass

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

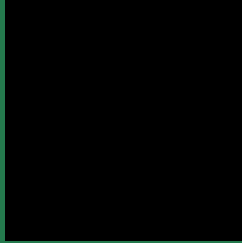
Any Text WCAG AA × Fail

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 247A4D Background



This preview shows how black text looks on a background with the Hex color 247A4D.



This preview shows how white text looks on a background with the Hex color 247A4D.

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
247A4D

Protanopia
746B47

Deuteranopia
7E6651



Tritanopia
37747E

Trichromacy



Original Color
247A4D



Protanomaly
577049



Deuteranomaly
5D6D50



Tritanomaly
30766C

Monochromacy



Original Color
247A4D



Achromatopsia
5B5B5B



Achromatomaly
476656

CSS Examples

Text

The CSS property to change the color of the text to Hex 247A4D 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 #247A4D looks like.

```
.text, #text, p{  
    color:#247A4D  
}
```

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 #247A4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #247A4D
}
```

Border

The CSS property to change the border of an element to Hex 247A4D 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
#247A4D }
```

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

```
.border{ border-color:#247A4D }
```

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

Here you see how a box with a 4 pixel #247A4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #247A4D; -webkit-box-shadow:4px 4px  
4px 4px #247A4D; box-shadow:4px 4px 4px  
4px #247A4D }
```

Background

The CSS property to change the background color of an element to Hex 247A4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#247A4D }
```

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

```
.background{ background-color:#247A4D }
```

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