

# Converting Colors

Hex(246D3C)

Have a look what the booklet for  
Hex(246D3C) contains.

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# Color

Hex(246D3C)

# Conversions

## Conversions Part 1

Format	Color
Hex	246D3C
RGB	36, 109, 60
RGB Percent	14%, 43%, 24%
CMY	0.8588, 0.5725, 0.7647
CMYK	0.67, 0.00, 0.45, 0.57
HSL	140°, 50%, 28%
HSV	140°, 67%, 43%
XYZ	7.0118, 11.6386, 6.1519
YIQ	81.5870, -27.7790, -30.7150

# Conversions

## Conversions Part 2

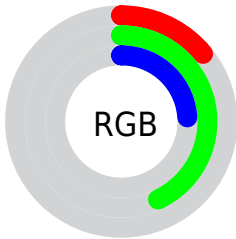
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 91, 109
Decimal	2387260
CIE <sub>Lab</sub>	40.64, -34.42, 20.90
CIE <sub>LCh</sub>	41, 40.270, 148.728
Yxy	11.6386, 0.2827, 0.4693
Android (android.graphics.Color)	4280577340 (0xFF246D3C)
YUV	81.5870, -10.6424, -39.9798
Hunter-Lab	34.1154, -23.0144, 13.1893

# Details

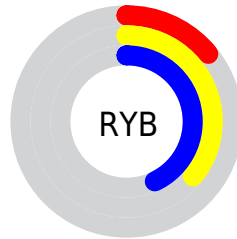
The Hex color **246D3C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6D2455**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5AA16C**, and **003C10** is the 20% darker color. If you saturate the color by 10%, you get **196D35**, and if you desaturate by 10%, it is **2F6D43**.

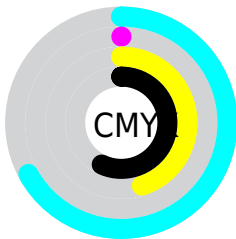
# Distribution



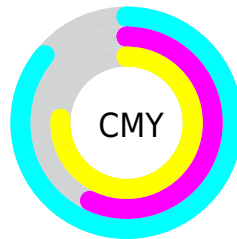
- Red (14%)
- Green (43%)
- Blue (24%)



- Red (14%)
- Yellow (36%)
- Blue (43%)



- Cyan (67%)
- Magenta (0%)
- Yellow (45%)
- Black (57%)



- Cyan (86%)
- Magenta (57%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 246D3C 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 246D3C by changing the saturation by 10% instead.



 246D3C

 246D3C

FFFFFF

 005426

 5AA16C

 003C10

 74BD86

 002700

 8FD9A0

 000400

 ABF5BB

 000000

 C7FFD7

 E4FFF3

 246D3C

 246D3C

 196D35

 2F6D43

■ 0E6D2D

■ 3A6D4B

■ 036D26

■ 456D52

■ 006D24

■ 506D59

■ 5B6D61

■ 656D68

■ 706D6F

■ 7B6D77

■ 866D7E

# Harmonies

## Analogous

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



526722



246D3C



00705D

# Triad

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



246D3C



0064A2



9B4542

# Complementary

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



246D3C



6D2455

# 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.



9A4263



246D3C



5E589A

# Square

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



246D3C



006C98



874A83



8C5127

# Rectangle

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



246D3C



007074



874A83



9C434D



# Sweetspot

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



246D3C



728F7C



566D24



36473C



C7C7C7



474747



# Same Dimension

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



246D3C



1D8F42



246D60



303632



007527



00F550



# Inverse Universe

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



6D2455



8F1D69



6D2431



363034



75004F

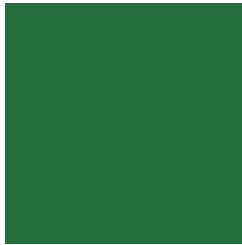


F500A4



# Previews

## White Background



This preview shows how the Hex color 246D3C looks on a white background.

## Color Contrast Check

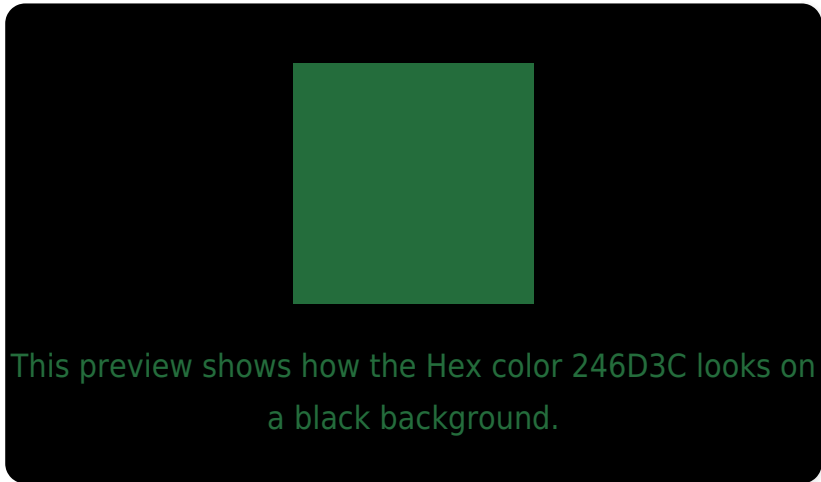
Large Text (above 18pt) WCAG AA ✓ Pass

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

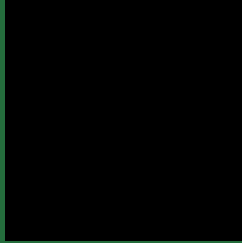
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 246D3C Background



This preview shows how black text looks on a background with the Hex color 246D3C.

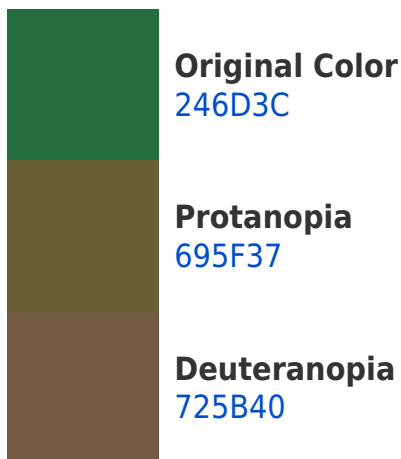



This preview shows how white text looks on a background with the Hex color 246D3C.

# 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





**Tritanopia**  
35676F

# Trichromacy



**Original Color**  
246D3C

**Protanomaly**  
506439

**Deuteranomaly**  
56623F

**Tritanomaly**  
2F695C

# Monochromacy



**Original Color**  
246D3C

**Achromatopsia**  
525252

**Achromatomaly**  
415C4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 246D3C 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 #246D3C looks like.

```
.text, #text, p{  
    color:#246D3C  
}
```

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 #246D3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #246D3C
}
```

## Border

The CSS property to change the border of an element to Hex 246D3C 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
#246D3C }
```

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

```
.border{ border-color:#246D3C }
```

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

Here you see how a box with a 4 pixel #246D3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #246D3C; -webkit-box-shadow:4px 4px  
4px 4px #246D3C; box-shadow:4px 4px 4px  
4px #246D3C }
```

# Background

The CSS property to change the background color of an element to Hex 246D3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#246D3C }
```

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

```
.background{ background-color:#246D3C }
```

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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