

Converting Colors

Hex(246B4D)

Have a look what the booklet for
Hex(246B4D) contains.

Hex(246B4D)	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(246B4D)

Conversions

Conversions Part 1

Format	Color
Hex	246B4D
RGB	36, 107, 77
RGB Percent	14%, 42%, 30%
CMY	0.8588, 0.5804, 0.6980
CMYK	0.66, 0.00, 0.28, 0.58
HSL	155°, 50%, 28%
HSV	155°, 66%, 42%
XYZ	7.3248, 11.4263, 8.8406
YIQ	82.3510, -32.6860, -24.3820

Conversions

Conversions Part 2

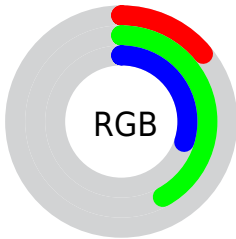
Format	Color
R_{YB}	36, 81, 107
Decimal	2386765
CIE _{Lab}	40.29, -29.85, 10.45
CIE _{LCh}	40, 31.626, 160.712
Yxy	11.4263, 0.2655, 0.4141
Android (android.graphics.Color)	4280576845 (0xFF246B4D)
YUV	82.3510, -2.6380, -40.6498
Hunter-Lab	33.8028, -20.4753, 8.1555

Details

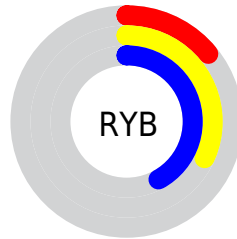
The Hex color **246B4D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6B2442**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **599F7E**, and **003B21** is the 20% darker color. If you saturate the color by 10%, you get **196B48**, and if you desaturate by 10%, it is **2F6B52**.

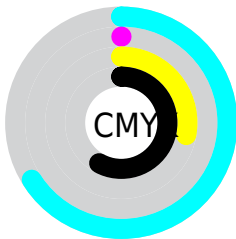
Distribution



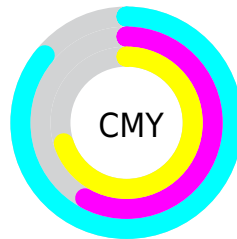
- Red (14%)
- Green (42%)
- Blue (30%)



- Red (14%)
- Yellow (32%)
- Blue (42%)



- Cyan (66%)
- Magenta (0%)
- Yellow (28%)
- Black (58%)



- Cyan (86%)
- Magenta (58%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 246B4D 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 246B4D by changing the saturation by 10% instead.

 246B4D

 246B4D

FFFFFF

 005236

 599F7E

 003B21

 74BA98

 00250B

 8FD6B3

 000200

 AAF3CE

 000000

 C6FFEA

 E3FFFF

 246B4D

 246B4D

 196B48

 2F6B52

■ 0F6B44

■ 396B56

■ 046B3F

■ 446B5B

■ 006B3E

■ 4F6B5F

■ 5A6B64

■ 646B68

■ 6F6B6D

■ 7A6B71

■ 846B76

Harmonies

Analogous

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



496736



246B4D



006C68

Triad

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



246B4D



455E92



8C4F3E

Complementary

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



246B4D



6B2442

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.



904A57



246B4D



6D5586

Square

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



246B4D



00668F



864C71



7C582E

Rectangle

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



246B4D



006C79



864C71



8E4C46

Sweetspot

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



246B4D



708C80



436B24



364740



C7C7C7



474747

Same Dimension

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



246B4D



1C8C5D



24666B



303633



007544



00F58D

Inverse Universe

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



6B2442



8C1C4B



6B2924



363032



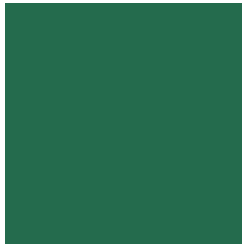
750032



F50067

Previews

White Background



This preview shows how the Hex color 246B4D looks on a white background.

Color Contrast Check

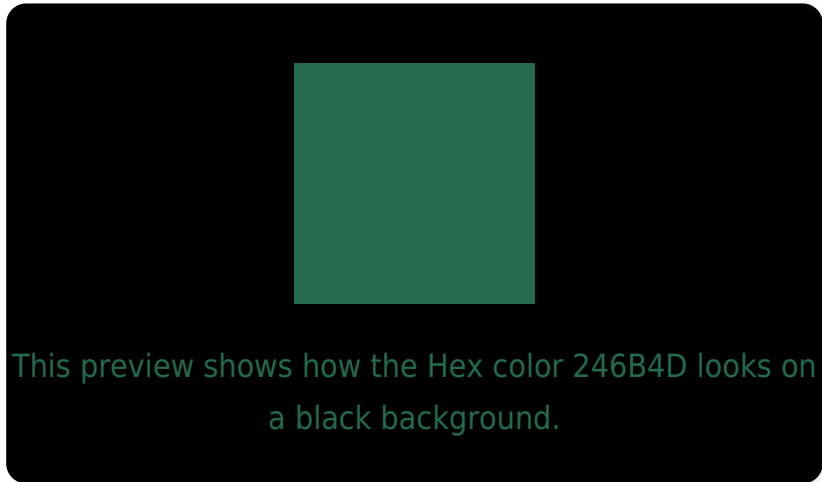
Large Text (above 18pt) WCAG AA ✓ Pass

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

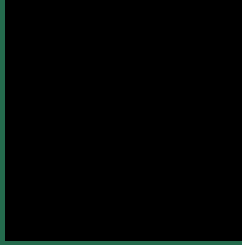
Any Text WCAG AA × Fail

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 246B4D Background



This preview shows how black text looks on a background with the Hex color 246B4D.



This preview shows how white text looks on a background with the Hex color 246B4D.

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
246B4D

Protanopia
655E47

Deuteranopia
6D5B51



Tritanopia
31676F

Trichromacy



Original Color
246B4D

Protanomaly
4D6349

Deuteranomaly
526150

Tritanomaly
2C6863

Monochromacy



Original Color
246B4D

Achromatopsia
525252

Achromatomaly
415B50

CSS Examples

Text

The CSS property to change the color of the text to Hex 246B4D 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 #246B4D looks like.

```
.text, #text, p{  
    color:#246B4D  
}
```

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 #246B4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #246B4D
}
```

Border

The CSS property to change the border of an element to Hex 246B4D 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
#246B4D }
```

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

```
.border{ border-color:#246B4D }
```

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

Here you see how a box with a 4 pixel #246B4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #246B4D; -webkit-box-shadow:4px 4px  
4px 4px #246B4D; box-shadow:4px 4px 4px  
4px #246B4D }
```

Background

The CSS property to change the background color of an element to Hex 246B4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#246B4D }
```

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

```
.background{ background-color:#246B4D }
```

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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