

Converting Colors

Hex(246F61)

Have a look what the booklet for
Hex(246F61) contains.

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Color

Hex(246F61)

Conversions

Conversions Part 1

Format	Color
Hex	246F61
RGB	36, 111, 97
RGB Percent	14%, 44%, 38%
CMY	0.8588, 0.5647, 0.6196
CMYK	0.68, 0.00, 0.13, 0.56
HSL	169°, 51%, 29%
HSV	169°, 68%, 44%
XYZ	8.5697, 12.6070, 13.2910
YIQ	86.9790, -40.2060, -20.2540

Conversions

Conversions Part 2

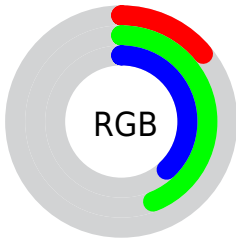
Format	Color
R_{YB}	36, 77, 111
Decimal	2387809
CIE Lab	42.17, -26.51, 1.07
CIE LCh	42, 26.528, 177.682
Yxy	12.6070, 0.2486, 0.3658
Android (android.graphics.Color)	4280577889 (0xFF246F61)
YUV	86.9790, 4.9404, -44.7086
Hunter-Lab	35.5064, -19.0541, 2.6606

Details

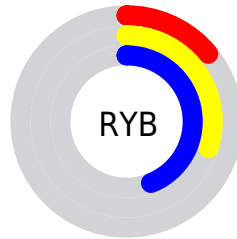
The Hex color **246F61** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6F2432**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5BA394**, and **003F33** is the 20% darker color. If you saturate the color by 10%, you get **196F5F**, and if you desaturate by 10%, it is **2F6F63**.

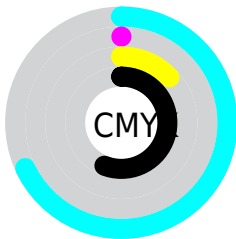
Distribution



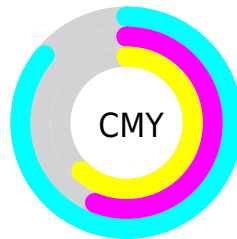
- Red (14%)
- Green (44%)
- Blue (38%)



- Red (14%)
- Yellow (30%)
- Blue (44%)



- Cyan (68%)
- Magenta (0%)
- Yellow (13%)
- Black (56%)



- Cyan (86%)
- Magenta (56%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 246F61 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 246F61 by changing the saturation by 10% instead.



246F61



246F61

FFFFFF



005649



5BA394



003F33



76BEAE



00281E



91DAC9



000E05



ADF7E6



000000



C9FFFF



E6FFFF



246F61



246F61



196F5F



2F6F63

■ 0E6F5D

■ 3A6F65

■ 036F5B

■ 456F67

■ 006F5A

■ 506F69

■ 5C6F6B

■ 676F6D

■ 726F70

■ 7D6F72

■ 886F74

Harmonies

Analogous

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



436D4B



246F61



006F77

Triad

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



246F61



635E8A



845A3F

Complementary

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



246F61



6F2432

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.



8D5450



246F61



7D577B

Square

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



246F61



40668F



8C5266



736237

Rectangle

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



246F61



016D83



8C5266



885844

Sweetspot

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



246F61



74918C



336F24



384A47



C9C9C9



4A4A4A

Same Dimension

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



246F61



1C917B



24586F



323837



007861



00F7C9

Inverse Universe

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



6F2432



911C32



6F3B24



383234



780016



F7002E

Previews

White Background



This preview shows how the Hex color 246F61 looks on a white background.

Color Contrast Check

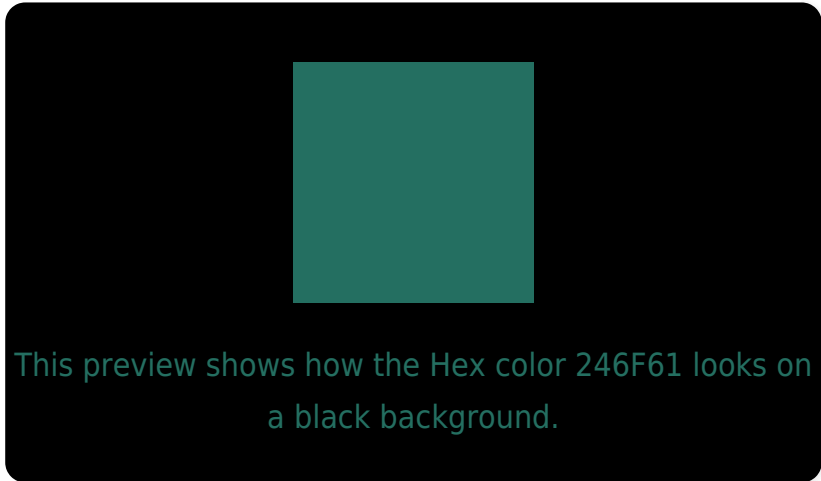
Large Text (above 18pt) WCAG AA ✓ Pass

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

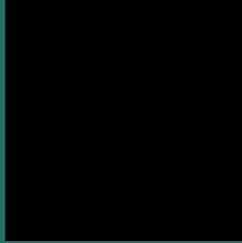
Any Text WCAG AA × Fail

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 246F61 Background



This preview shows how black text looks on a background with the Hex color 246F61.

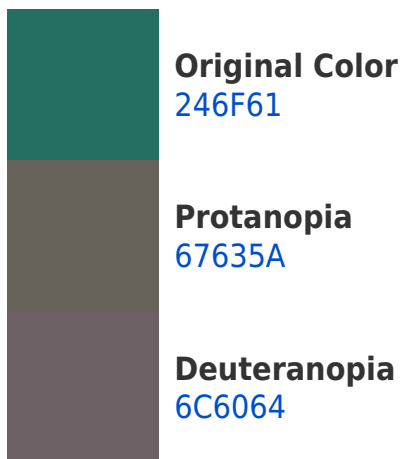


This preview shows how white text looks on a background with the Hex color 246F61.

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](#).

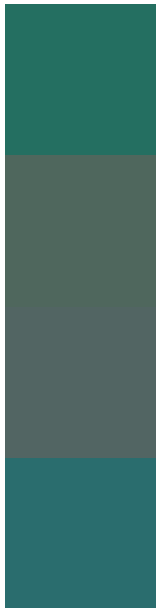
Dichromacy





Tritanopia
2D6C75

Trichromacy



Original Color
246F61

Protanomaly
4F675D

Deuteranomaly
526563

Tritanomaly
2A6D6E

Monochromacy



Original Color
246F61

Achromatopsia
575757

Achromatomaly
44605B

CSS Examples

Text

The CSS property to change the color of the text to Hex 246F61 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 #246F61 looks like.

```
.text, #text, p{  
    color:#246F61  
}
```

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 #246F61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #246F61
}
```

Border

The CSS property to change the border of an element to Hex 246F61 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
#246F61 }
```

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

```
.border{ border-color:#246F61 }
```

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

Here you see how a box with a 4 pixel #246F61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #246F61; -webkit-box-shadow:4px 4px  
4px 4px #246F61; box-shadow:4px 4px 4px  
4px #246F61 }
```

Background

The CSS property to change the background color of an element to Hex 246F61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#246F61 }
```

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

```
.background{ background-color:#246F61 }
```

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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