

Converting Colors

Hex(246C63)

Have a look what the booklet for
Hex(246C63) contains.

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Color

Hex(246C63)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 246C63 |
| RGB | 36, 108, 99 |
| RGB Percent | 14%, 42%, 39% |
| CMY | 0.8588, 0.5765, 0.6118 |
| CMYK | 0.67, 0.00, 0.08, 0.58 |
| HSL | 172°, 50%, 28% |
| HSV | 172°, 67%, 42% |
| XYZ | 8.3422, 12.0010, 13.6811 |
| YIQ | 85.4460, -40.0230, -18.0630 |

Conversions

Conversions Part 2

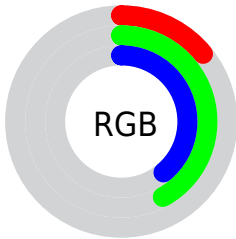
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 36, 74, 108 |
| Decimal | 2387043 |
| CIELab | 41.22, -24.42, -1.52 |
| CIELCh | 41, 24.472, 183.565 |
| Yxy | 12.0010, 0.2452, 0.3527 |
| Android (android.graphics.Color) | 4280577123 (0xFF246C63) |
| YUV | 85.4460, 6.6821, -43.3641 |
| Hunter-Lab | 34.6425, -17.6399, 0.8348 |

Details

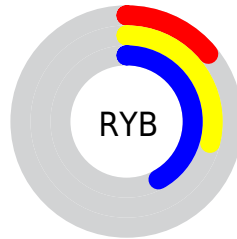
The Hex color **246C63** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6C242D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **5BA096**, and **003C35** is the 20% darker color. If you saturate the color by 10%, you get **196C62**, and if you desaturate by 10%, it is **2F6C64**.

Distribution



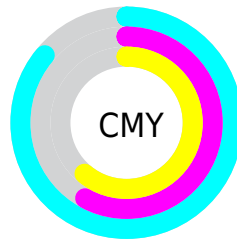
- Red (14%)
- Green (42%)
- Blue (39%)



- Red (14%)
- Yellow (29%)
- Blue (42%)



- Cyan (67%)
- Magenta (0%)
- Yellow (8%)
- Black (58%)



- Cyan (86%)
- Magenta (58%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 246C63 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 246C63 by changing the saturation by 10% instead.



246C63



246C63

FFFFFF



00534B



5BA096



003C35



75BBB0



00261F



90D7CC



000908



ACF3E8



000000



C8FFFF



E5FFFF



246C63



246C63



196C62



2F6C64

■ 0E6C60

■ 3A6C66

■ 046C5F

■ 446C67

■ 006C5F

■ 4F6C68

■ 5A6C6A

■ 656C6B

■ 706C6C

■ 7A6C6E

■ 856C6F

Harmonies

Analogous

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



3F6A4F



246C63



106B77

Triad

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



246C63



675B83



7D5A3E

Complementary

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



246C63



6C242D

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.



87544C



246C63



7D5573

Square

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



246C63



486289



875260



6C6139

Rectangle

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



246C63



1B6981



875260



815842

Sweetspot

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



246C63



708C89



2E6C24



364745



C7C7C7



474747

Same Dimension

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



246C63



1C8C7E



24526C



303635



007567



00F5D6

Inverse Universe

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



6C242D



8C1C2A



6C3E24



363031



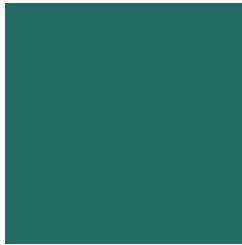
75000F



F5001F

Previews

White Background



This preview shows how the Hex color 246C63 looks on a white background.

Color Contrast Check

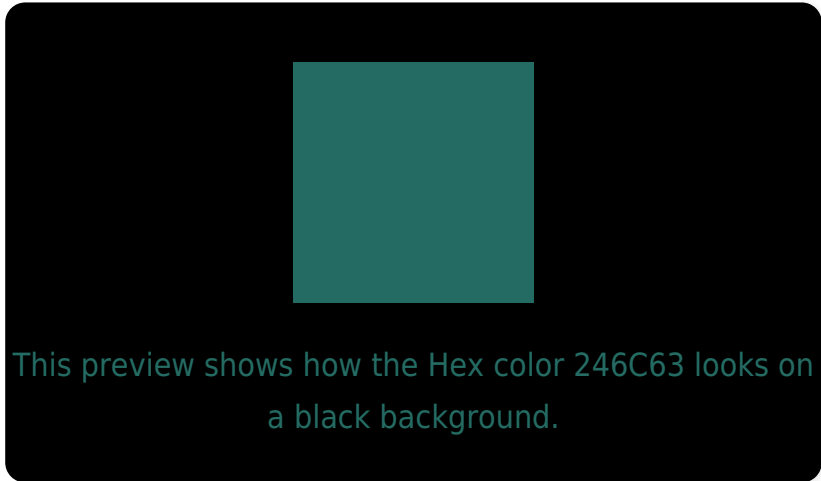
Large Text (above 18pt) WCAG AA ✓ Pass

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

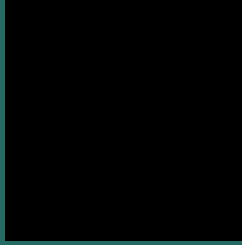
Any Text WCAG AA × Fail

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 246C63 Background



This preview shows how black text looks on a background with the Hex color 246C63.



This preview shows how white text looks on a background with the Hex color 246C63.

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
246C63

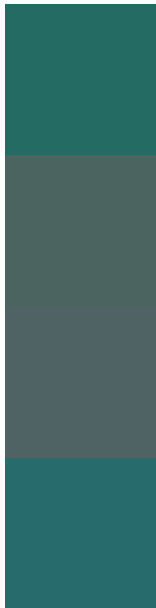
Protanopia
63605C

Deuteranopia
685E66



Tritanopia
2B6A72

Trichromacy



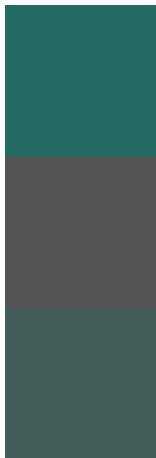
Original Color
246C63

Protanomaly
4C645F

Deuteranomaly
4F6365

Tritanomaly
286B6D

Monochromacy



Original Color
246C63

Achromatopsia
555555

Achromatomaly
435D5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 246C63 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 #246C63 looks like.

```
.text, #text, p{  
    color:#246C63  
}
```

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 #246C63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #246C63  
}
```

Border

The CSS property to change the border of an element to Hex 246C63 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  
#246C63 }
```

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

```
.border{ border-color:#246C63 }
```

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

Here you see how a box with a 4 pixel #246C63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #246C63; -webkit-box-shadow:4px 4px  
4px 4px #246C63; box-shadow:4px 4px 4px  
4px #246C63 }
```

Background

The CSS property to change the background color of an element to Hex 246C63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#246C63 }
```

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

```
.background{ background-color:#246C63 }
```

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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