

Converting Colors

Hex(246B59)

Have a look what the booklet for
Hex(246B59) contains.

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Color

Hex(246B59)

Conversions

Conversions Part 1

Format	Color
Hex	246B59
RGB	36, 107, 89
RGB Percent	14%, 42%, 35%
CMY	0.8588, 0.5804, 0.6510
CMYK	0.66, 0.00, 0.17, 0.58
HSL	165°, 50%, 28%
HSV	165°, 66%, 42%
XYZ	7.7884, 11.6117, 11.2820
YIQ	83.7190, -36.5380, -20.6500

Conversions

Conversions Part 2

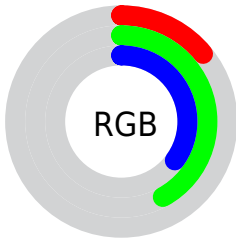
Format	Color
R_{YB}	36, 77, 107
Decimal	2386777
CIE _{Lab}	40.59, -26.76, 3.64
CIE _{LCh}	41, 27.004, 172.263
Yxy	11.6117, 0.2538, 0.3785
Android (android.graphics.Color)	4280576857 (0xFF246B59)
YUV	83.7190, 2.6035, -41.8496
Hunter-Lab	34.0760, -18.8349, 4.2233

Details

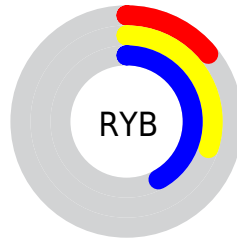
The Hex color **246B59** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6B2436**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5A9F8B**, and **003B2C** is the 20% darker color. If you saturate the color by 10%, you get **196B56**, and if you desaturate by 10%, it is **2F6B5C**.

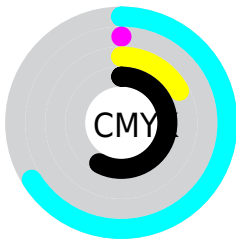
Distribution



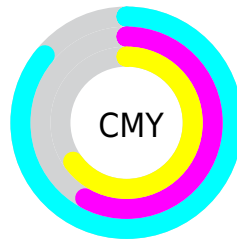
- Red (14%)
- Green (42%)
- Blue (35%)



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



- Cyan (66%)
- Magenta (0%)
- Yellow (17%)
- Black (58%)



- Cyan (86%)
- Magenta (58%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 246B59 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 246B59 by changing the saturation by 10% instead.

 246B59

 246B59

FFFFFF

 005242

 5A9F8B

 003B2C

 74BAA5

 002517

 8FD6C0

 000400

 ABF2DC

 000000

 C7FFF9

 E4FFFF

 246B59

 246B59

 196B56

 2F6B5C

0F6B54

396B5E

046B51

446B61

006B50

4F6B64

5A6B67

646B69

6F6B6C

7A6B6F

846B71

Harmonies

Analogous

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



446844



246B59



006B70

Triad

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



246B59



5A5C88



83553E

Complementary

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



246B59



6B2436

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.



8A4F50



246B59



76547B

Square

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



246B59



33648B



864F66



735C34

Rectangle

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



246B59



006A7D



864F66



875243

Sweetspot

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



246B59



708C85



376B24



364743



C7C7C7



474747

Same Dimension

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



246B59



1C8C70



245A6B



303634



007558



00F5B7

Inverse Universe

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



6B2436



8C1C38



6B3524



363032



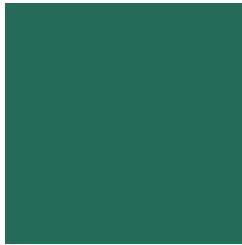
75001E



F5003E

Previews

White Background



This preview shows how the Hex color 246B59 looks on a white background.

Color Contrast Check

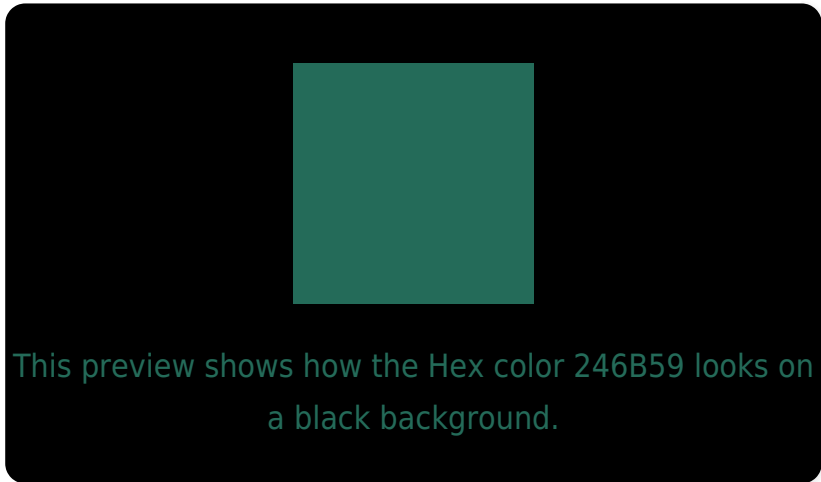
Large Text (above 18pt) WCAG AA ✓ Pass

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

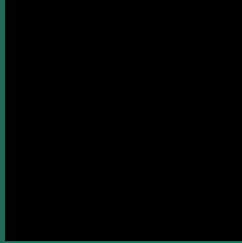
Any Text WCAG AA × Fail

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 246B59 Background



This preview shows how black text looks on a background with the Hex color 246B59.



This preview shows how white text looks on a background with the Hex color 246B59.

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
246B59

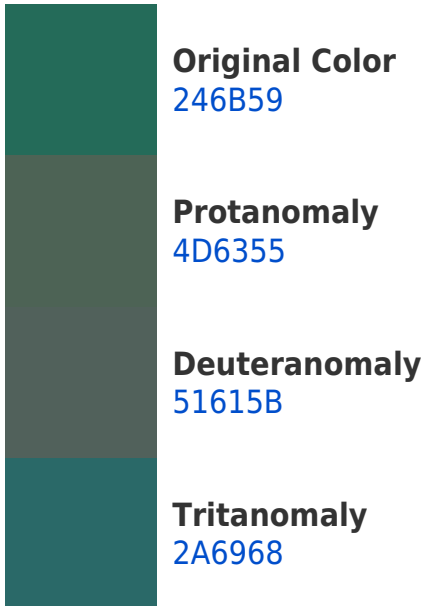
Protanopia
645F53

Deuteranopia
6A5C5C



Tritanopia
2E6870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 246B59 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 #246B59 looks like.

```
.text, #text, p{  
    color:#246B59  
}
```

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 #246B59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #246B59
}
```

Border

The CSS property to change the border of an element to Hex 246B59 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
#246B59 }
```

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

```
.border{ border-color:#246B59 }
```

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

Here you see how a box with a 4 pixel #246B59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #246B59; -webkit-box-shadow:4px 4px  
4px 4px #246B59; box-shadow:4px 4px 4px  
4px #246B59 }
```

Background

The CSS property to change the background color of an element to Hex 246B59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#246B59 }
```

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

```
.background{ background-color:#246B59 }
```

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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