

Converting Colors

Hex(236B59)

Have a look what the booklet for
Hex(236B59) contains.

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Color

Hex(236B59)

Conversions

Conversions Part 1

Format	Color
Hex	236B59
RGB	35, 107, 89
RGB Percent	14%, 42%, 35%
CMY	0.8627, 0.5804, 0.6510
CMYK	0.67, 0.00, 0.17, 0.58
HSL	165°, 51%, 28%
HSV	165°, 67%, 42%
XYZ	7.7540, 11.5940, 11.2804
YIQ	83.4200, -37.1340, -20.8620

Conversions

Conversions Part 2

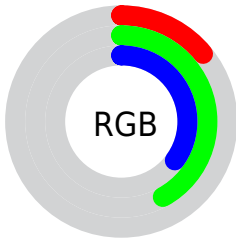
Format	Color
RYB	35, 76, 107
Decimal	2321241
CIELab	40.56, -26.95, 3.59
CIELCh	41, 27.193, 172.413
Yxy	11.5940, 0.2532, 0.3785
Android (android.graphics.Color)	4280511321 (0xFF236B59)
YUV	83.4200, 2.7509, -42.4643
Hunter-Lab	34.0499, -18.9386, 4.1928

Details

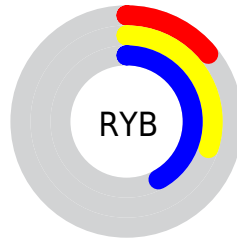
The Hex color **236B59** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6B2335**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **599F8B**, and **003B2C** is the 20% darker color. If you saturate the color by 10%, you get **186B56**, and if you desaturate by 10%, it is **2E6B5C**.

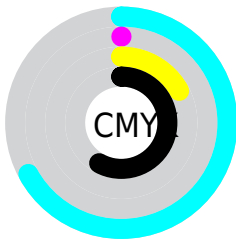
Distribution



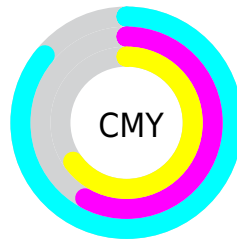
- Red (14%)
- Green (42%)
- Blue (35%)



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



- Cyan (67%)
- Magenta (0%)
- Yellow (17%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 236B59 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 236B59 by changing the saturation by 10% instead.

 236B59

 236B59

FFFFFF

 005242

 599F8B

 003B2C

 74BAA5

 002517

 8FD6C0

 000400

 AAF2DC

 000000

 C6FFF9

 E3FFFF

 236B59

 236B59

 186B56

 2E6B5C

■ 0E6B54

■ 386B5E

■ 036B51

■ 436B61

■ 006B50

■ 4E6B64

■ 596B66

■ 636B69

■ 6E6B6C

■ 796B6E

■ 836B71

Harmonies

Analogous

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



436844



236B59



006B70

Triad

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



236B59



5A5C89



83553D

Complementary

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



236B59



6B2335

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.



8B4F50



236B59



76547B

Square

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



236B59



32648B



874E66



735C33

Rectangle

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



236B59



006A7D



874E66



875243

Sweetspot

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



236B59



708C85



356B23



364743



C7C7C7



474747

Same Dimension

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



236B59



1B8C70



23596B



303634



007558



00F5B8

Inverse Universe

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



6B2335



8C1B37



6B3523



363032



75001D



F5003D

Previews

White Background



This preview shows how the Hex color 236B59 looks on a white background.

Color Contrast Check

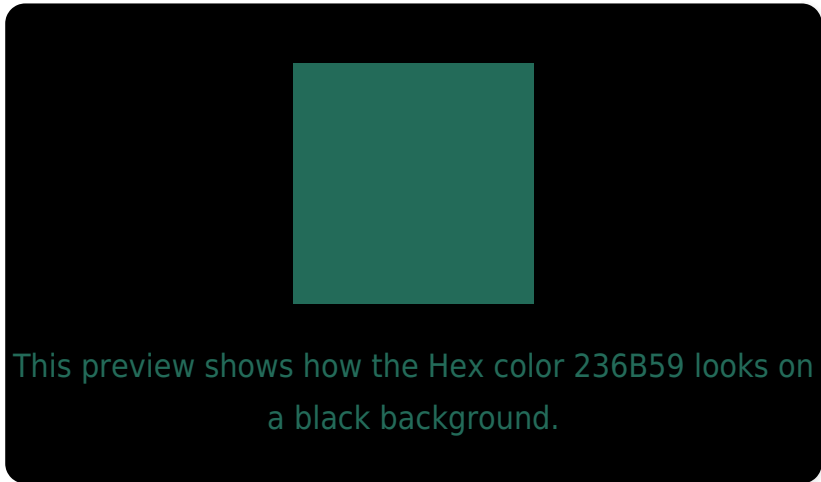
Large Text (above 18pt) WCAG AA ✓ Pass

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

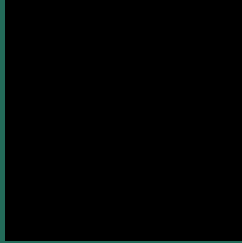
Any Text WCAG AA × Fail

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 236B59 Background



This preview shows how black text looks on a background with the Hex color 236B59.



This preview shows how white text looks on a background with the Hex color 236B59.

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
236B59

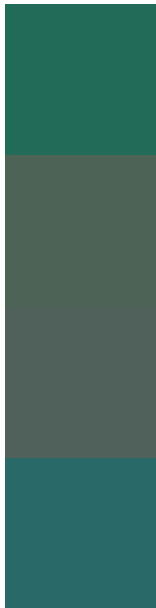
Protanopia
645F53

Deuteranopia
695C5C



Tritanopia
2D6870

Trichromacy



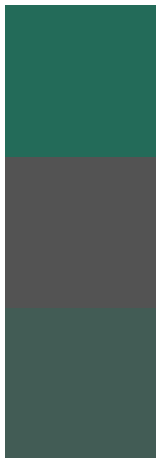
Original Color
236B59

Protanomaly
4C6355

Deuteranomaly
50615B

Tritanomaly
296968

Monochromacy



Original Color
236B59

Achromatopsia
535353

Achromatomaly
425C55

CSS Examples

Text

The CSS property to change the color of the text to Hex 236B59 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 #236B59 looks like.

```
.text, #text, p{  
    color:#236B59  
}
```

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 #236B59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #236B59
}
```

Border

The CSS property to change the border of an element to Hex 236B59 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
#236B59 }
```

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

```
.border{ border-color:#236B59 }
```

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

Here you see how a box with a 4 pixel #236B59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #236B59; -webkit-box-shadow:4px 4px  
4px 4px #236B59; box-shadow:4px 4px 4px  
4px #236B59 }
```

Background

The CSS property to change the background color of an element to Hex 236B59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#236B59 }
```

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

```
.background{ background-color:#236B59 }
```

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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