

# Converting Colors

Hex(245B39)

Have a look what the booklet for  
Hex(245B39) contains.

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# Color

Hex(245B39)

# Conversions

## Conversions Part 1

Format	Color
Hex	245B39
RGB	36, 91, 57
RGB Percent	14%, 36%, 22%
CMY	0.8588, 0.6431, 0.7765
CMYK	0.60, 0.00, 0.37, 0.64
HSL	143°, 43%, 25%
HSV	143°, 60%, 36%
XYZ	5.2072, 8.1526, 5.1701
YIQ	70.6790, -21.8660, -22.2340

# Conversions

## Conversions Part 2

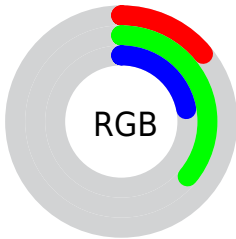
Format	Color
<b>R<sub>YB</sub></b>	36, 76, 91
Decimal	2382649
CIE <sub>Lab</sub>	34.30, -26.91, 14.30
CIE <sub>LCh</sub>	34, 30.469, 152.011
Yxy	8.1526, 0.2810, 0.4400
Android (android.graphics.Color)	4280572729 (0xFF245B39)
YUV	70.6790, -6.7437, -30.4135
Hunter-Lab	28.5528, -17.4146, 9.2513

# Details

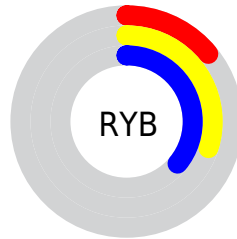
The Hex color **245B39** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5B2446**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **568E68**, and **002C0E** is the 20% darker color. If you saturate the color by 10%, you get **1B5B33**, and if you desaturate by 10%, it is **2D5B3F**.

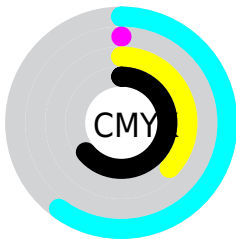
# Distribution



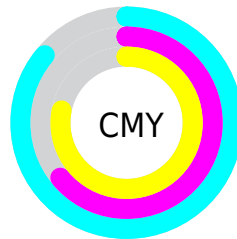
- Red (14%)
- Green (36%)
- Blue (22%)



- Red (14%)
- Yellow (30%)
- Blue (36%)



- Cyan (60%)
- Magenta (0%)
- Yellow (37%)
- Black (64%)



- Cyan (86%)
- Magenta (64%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 245B39 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 245B39 by changing the saturation by 10% instead.





245B39



245B39

FFFFFF



074323



568E68



002C0E



70A882



001800



8AC49C



000000



A5E0B6



C1FDD2



DDFFEE



FAFFFF



245B39



245B39

■ 1B5B33

■ 2D5B3F

■ 125B2E

■ 365B44

■ 095B28

■ 3F5B4A

■ 005B23

■ 485B50

■ 525B55

■ 5B5B5B

■ 645B60

■ 6D5B66

■ 765B6C

# Harmonies

## Analogous

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



445726



245B39



005D52

# Triad

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



245B39



275381



7C3F38

# Complementary

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



245B39



5B2446

# 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.



7D3C50



245B39



544A7A

# Square

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



245B39



00597B



704168



714726

# Rectangle

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



245B39



005D62



704168



7E3D40



# Sweetspot

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



245B39



607568



475B24



2E3B33



BABABA



3B3B3B



# Same Dimension

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



245B39



207540



245B54



292E2B



006E2A



00ED5B



# Inverse Universe

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



5B2446



752055



5B242B



2E292C



6E0044

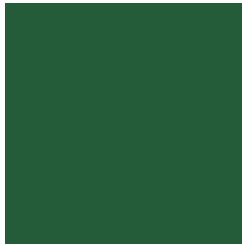


ED0093



# Previews

## White Background



This preview shows how the Hex color 245B39 looks on a white background.

## Color Contrast Check

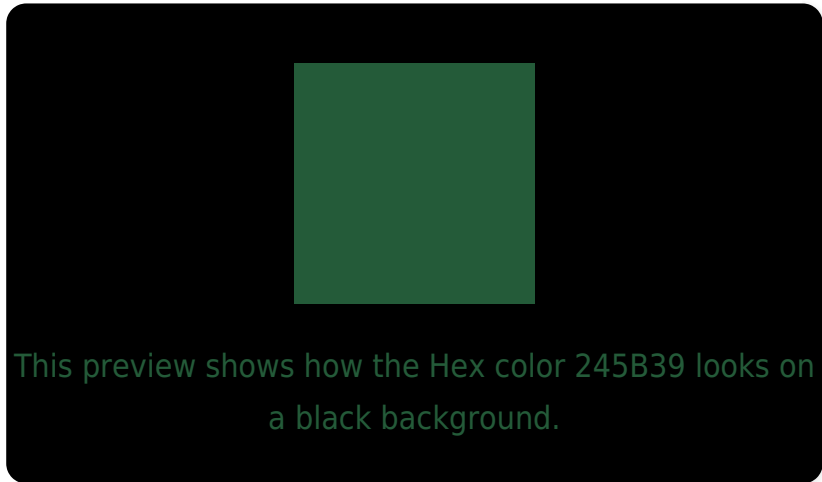
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

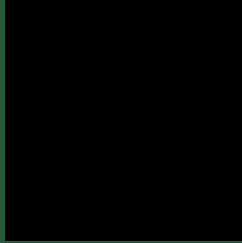
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 245B39 Background



This preview shows how black text looks on a background with the Hex color 245B39.



This preview shows how white text looks on a background with the Hex color 245B39.

# 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**  
245B39

**Protanopia**  
575035

**Deuteranopia**  
5F4D3C



# Trichromacy



**Original Color**  
245B39

**Protanomaly**  
445436

**Deuteranomaly**  
4A523B

**Tritanomaly**  
2B5851

# Monochromacy



**Original Color**  
245B39

**Achromatopsia**  
474747

**Achromatomaly**  
3A4E42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 245B39 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 #245B39 looks like.

```
.text, #text, p{  
    color:#245B39  
}
```

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 #245B39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245B39
}
```

## Border

The CSS property to change the border of an element to Hex 245B39 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".

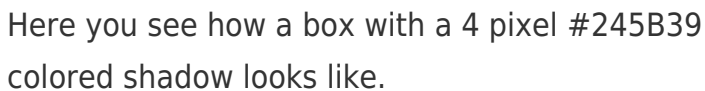
```
.border, #border, table{ border:4px solid
#245B39 }
```

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

```
.border{ border-color:#245B39 }
```

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

Here you see how a box with a 4 pixel #245B39 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245B39; -webkit-box-shadow:4px 4px  
4px 4px #245B39; box-shadow:4px 4px 4px  
4px #245B39 }
```

# Background

The CSS property to change the background color of an element to Hex 245B39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245B39 }
```

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

```
.background{ background-color:#245B39 }
```

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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