

Converting Colors

Hex(245D37)

Have a look what the booklet for
Hex(245D37) contains.

Hex(245D37)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(245D37)

Conversions

Conversions Part 1

Format	Color
Hex	245D37
RGB	36, 93, 55
RGB Percent	14%, 36%, 22%
CMY	0.8588, 0.6353, 0.7843
CMYK	0.61, 0.00, 0.41, 0.64
HSL	140°, 44%, 25%
HSV	140°, 61%, 36%
XYZ	5.3315, 8.4796, 4.9702
YIQ	71.6250, -21.7740, -23.9020

Conversions

Conversions Part 2

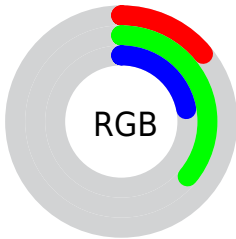
Format	Color
R_{YB}	36, 79, 93
Decimal	2383159
CIE _{Lab}	34.96, -28.27, 16.39
CIE _{LCh}	35, 32.674, 149.894
Y _{xy}	8.4796, 0.2839, 0.4515
Android (android.graphics.Color)	4280573239 (0xFF245D37)
YUV	71.6250, -8.1961, -31.2431
Hunter-Lab	29.1198, -18.2783, 10.2642

Details

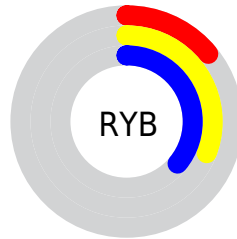
The Hex color **245D37** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D244A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **579066**, and **002E0C** is the 20% darker color. If you saturate the color by 10%, you get **1B5D31**, and if you desaturate by 10%, it is **2D5D3D**.

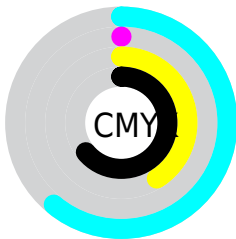
Distribution



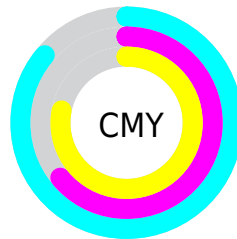
- Red (14%)
- Green (36%)
- Blue (22%)



- Red (14%)
- Yellow (31%)
- Blue (36%)



- Cyan (61%)
- Magenta (0%)
- Yellow (41%)
- Black (64%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 245D37 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 245D37 by changing the saturation by 10% instead.

 245D37

 245D37

FFFFFF

 064521

 579066

 002E0C

 70AB7F

 001A00

 8BC699

 000000

 A6E2B4

 C2FFD0

 DEFFEC

 FBFFFF

 245D37

 245D37

■ 1B5D31

■ 2D5D3D

■ 115D2B

■ 375D43

■ 085D24

■ 405D4A

■ 005D1F

■ 495D50

■ 525D56

■ 5C5D5C

■ 655D62

■ 6E5D69

■ 785D6F

Harmonies

Analogous

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



475823



245D37



005F51

Triad

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



245D37



1C5586



813E3A

Complementary

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



245D37



5D244A

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.



813C53



245D37



534B7F

Square

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



245D37



005C7F



72416D



754725

Rectangle

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



245D37



005F63



72416D



833D42

Sweetspot

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



245D37



627869



4A5D24



303D34



BDBDBD



3D3D3D

Same Dimension

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



245D37



1F783D



245D53



292E2B



006E25



00ED4F

Inverse Universe

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



5D244A



781F5A



5D242E



2E292C



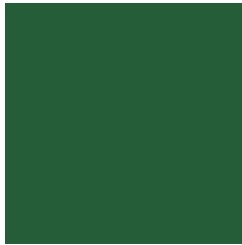
6E0049



ED009E

Previews

White Background



This preview shows how the Hex color 245D37 looks on a white background.

Color Contrast Check

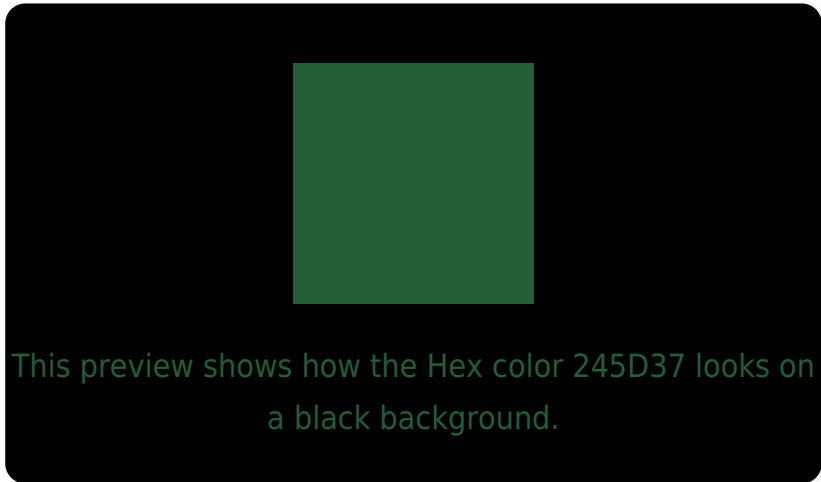
Large Text (above 18pt) WCAG AA ✓ Pass

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 245D37 Background



This preview shows how black text looks on a background with the Hex color 245D37.



This preview shows how white text looks on a background with the Hex color 245D37.

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](#).

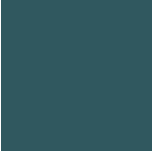
Dichromacy



Original Color
245D37

Protanopia
595233

Deuteranopia
614E3A



Tritanopia
30585F

Trichromacy



Original Color
245D37

Protanomaly
465634

Deuteranomaly
4B5339

Tritanomaly
2C5A50

Monochromacy



Original Color
245D37

Achromatopsia
484848

Achromatomaly
3B5042

CSS Examples

Text

The CSS property to change the color of the text to Hex 245D37 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 #245D37 looks like.

```
.text, #text, p{  
    color:#245D37  
}
```

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 #245D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245D37
}
```

Border

The CSS property to change the border of an element to Hex 245D37 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".

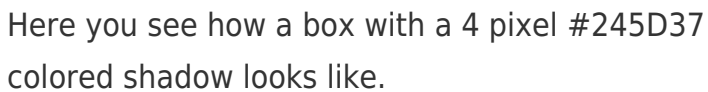
```
.border, #border, table{ border:4px solid
#245D37 }
```

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

```
.border{ border-color:#245D37 }
```

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

Here you see how a box with a 4 pixel #245D37 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 #245D37; -webkit-box-shadow:4px 4px  
4px 4px #245D37; box-shadow:4px 4px 4px  
4px #245D37 }
```

Background

The CSS property to change the background color of an element to Hex 245D37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245D37 }
```

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

```
.background{ background-color:#245D37 }
```

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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