

Converting Colors

Hex(245D29)

Have a look what the booklet for
Hex(245D29) contains.

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Color

Hex(245D29)

Conversions

Conversions Part 1

Format	Color
Hex	245D29
RGB	36, 93, 41
RGB Percent	14%, 36%, 16%
CMY	0.8588, 0.6353, 0.8392
CMYK	0.61, 0.00, 0.56, 0.64
HSL	125°, 44%, 25%
HSV	125°, 61%, 36%
XYZ	5.0421, 8.3639, 3.4465
YIQ	70.0290, -17.2800, -28.2560

Conversions

Conversions Part 2

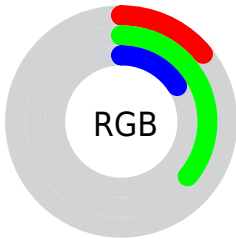
Format	Color
RYB	36, 88, 93
Decimal	2383145
CIELab	34.73, -30.79, 24.20
CIELCh	35, 39.161, 141.834
Yxy	8.3639, 0.2992, 0.4963
Android (android.graphics.Color)	4280573225 (0xFF245D29)
YUV	70.0290, -14.3113, -29.8434
Hunter-Lab	28.9203, -19.4899, 13.1786

Details

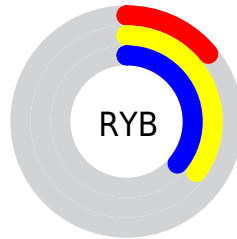
The Hex color **245D29** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D2458**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **579058**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **1B5D21**, and if you desaturate by 10%, it is **2D5D31**.

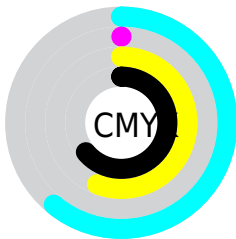
Distribution



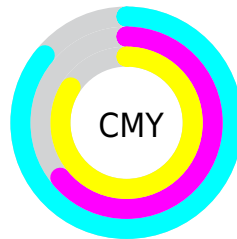
- Red (14%)
- Green (36%)
- Blue (16%)



- Red (14%)
- Yellow (35%)
- Blue (36%)



- Cyan (61%)
- Magenta (0%)
- Yellow (56%)
- Black (64%)



- Cyan (86%)
- Magenta (64%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 245D29 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 245D29 by changing the saturation by 10% instead.



245D29



245D29

FFFFFF



054513



579058



002E00



71AB70



001900



8BC68A



000000



A7E2A5



C2FFC0



DFFFDC



FCFFF9



245D29



245D29

■ 1B5D21

■ 2D5D31

■ 115D18

■ 375D3A

■ 085D10

■ 405D42

■ 005D08

■ 495D4B

■ 525D53

■ 5C5D5C

■ 655D64

■ 6E5D6D

■ 785D75

Harmonies

Analogous

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



4C5711



245D29



006048

Triad

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



245D29



00588F



8A363C

Complementary

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



245D29



5D2458

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.



86355C



245D29



424D8C

Square

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



245D29



005E82



6F3F79



7F4121

Rectangle

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



245D29



00615E



6F3F79



8A3447

Sweetspot

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



245D29



627864



585D24



303D31



BDBDBD



3D3D3D

Same Dimension

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



245D29



1F7827



245D45



292E2A



006E0A



00ED15

Inverse Universe

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



5D2458



781F70



5D243C



2E292D



6E0064



ED00D8

Previews

White Background



This preview shows how the Hex color 245D29 looks on a white background.

Color Contrast Check

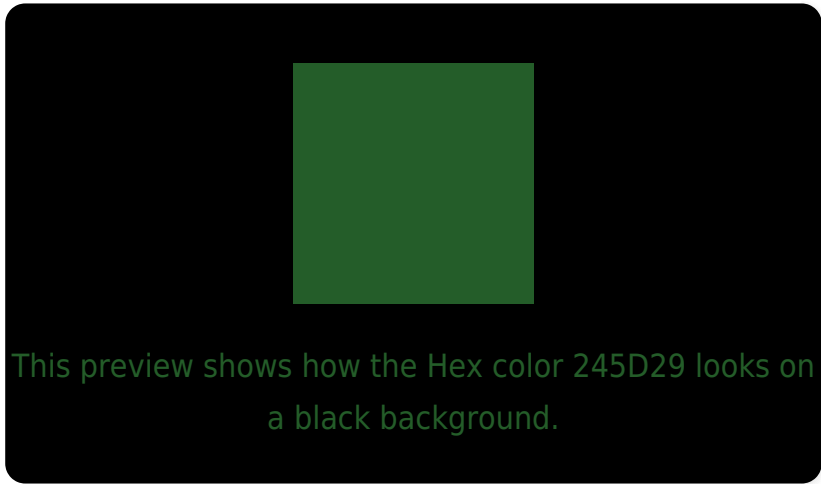
Large Text (above 18pt) WCAG AA ✓ Pass

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

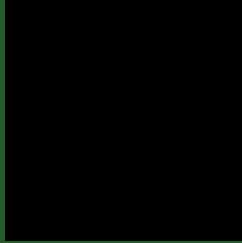
Any Text WCAG AA × Fail

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 245D29 Background



This preview shows how black text looks on a background with the Hex color 245D29.



This preview shows how white text looks on a background with the Hex color 245D29.

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
245D29

Protanopia
5A5125

Deuteranopia
634E2D

Trichromacy



Original Color
245D29

Protanomaly
465526

Deuteranomaly
4C532C

Tritanomaly
2D594B

Monochromacy



Original Color
245D29

Achromatopsia
464646

Achromatomaly
3A4E3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 245D29 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 #245D29 looks like.

```
.text, #text, p{  
    color:#245D29  
}
```

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 #245D29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245D29
}
```

Border

The CSS property to change the border of an element to Hex 245D29 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".

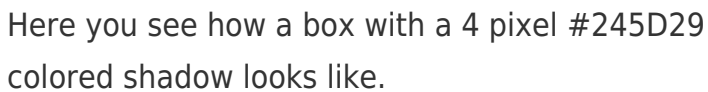
```
.border, #border, table{ border:4px solid
#245D29 }
```

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

```
.border{ border-color:#245D29 }
```

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

Here you see how a box with a 4 pixel #245D29 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 #245D29; -webkit-box-shadow:4px 4px  
4px 4px #245D29; box-shadow:4px 4px 4px  
4px #245D29 }
```

Background

The CSS property to change the background color of an element to Hex 245D29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245D29 }
```

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

```
.background{ background-color:#245D29 }
```

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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