

Converting Colors

Hex(2C5836)

Have a look what the booklet for
Hex(2C5836) contains.

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Color

Hex(2C5836)

Conversions

Conversions Part 1

Format	Color
Hex	2C5836
RGB	44, 88, 54
RGB Percent	17%, 35%, 21%
CMY	0.8275, 0.6549, 0.7882
CMYK	0.50, 0.00, 0.39, 0.65
HSL	134°, 33%, 26%
HSV	134°, 50%, 35%
XYZ	5.1943, 7.7813, 4.7182
YIQ	70.9680, -15.3100, -19.9020

Conversions

Conversions Part 2

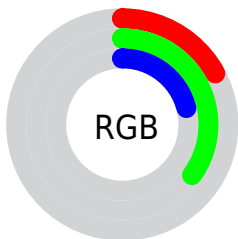
Format	Color
RYB	44, 80, 88
Decimal	2906166
CIELab	33.52, -23.72, 15.14
CIElCh	34, 28.137, 147.455
Yxy	7.7813, 0.2936, 0.4398
Android (android.graphics.Color)	4281096246 (0xFF2C5836)
YUV	70.9680, -8.3652, -23.6509
Hunter-Lab	27.8949, -15.5778, 9.4980

Details

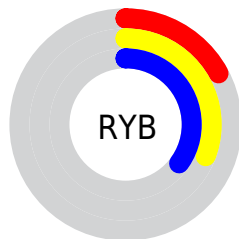
The Hex color **2C5836** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **582C4E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5D8A65**, and **002A0A** is the 20% darker color. If you saturate the color by 10%, you get **23582F**, and if you desaturate by 10%, it is **35583D**.

Distribution



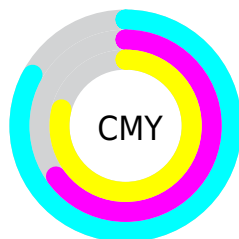
- Red (17%)
- Green (35%)
- Blue (21%)



- Red (17%)
- Yellow (31%)
- Blue (35%)



- Cyan (50%)
- Magenta (0%)
- Yellow (39%)
- Black (65%)



- Cyan (83%)
- Magenta (65%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C5836 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 2C5836 by changing the saturation by 10% instead.

 2C5836

 2C5836

FFFFFF

 144020

 5D8A65

 002A0A

 76A57E

 001500

 90C098

 000000

 ABDCB3

 C7F9CE

 E3FFEB

 2C5836

 2C5836

 23582F

 35583D

■ 1A5828

■ 3E5844

■ 125822

■ 46584A

■ 09581B

■ 4F5851

■ 005814

■ 585858

■ 61585F

■ 6A5866

■ 72586C

■ 7B5873

Harmonies

Analogous

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



485426



2C5836



005A4C

Triad

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



2C5836



23527B



783E3C

Complementary

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



2C5836



582C4E

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.



773C52



2C5836



4E4A76

Square

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



2C5836



005774



694167



6F452A

Rectangle

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



2C5836



005A5B



694167



793D43

Sweetspot

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



2C5836



627365



4E582C



303B32



BABABA



3B3B3B

Same Dimension

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



2C5836



2E733E



2C584C



272B28



006B18



00EB35

Inverse Universe

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



582C4E



732E63



582C38



2B272A



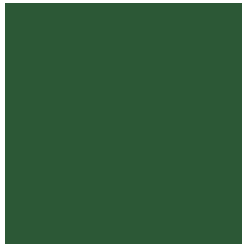
6B0053



EB00B5

Previews

White Background



This preview shows how the Hex color 2C5836 looks on a white background.

Color Contrast Check

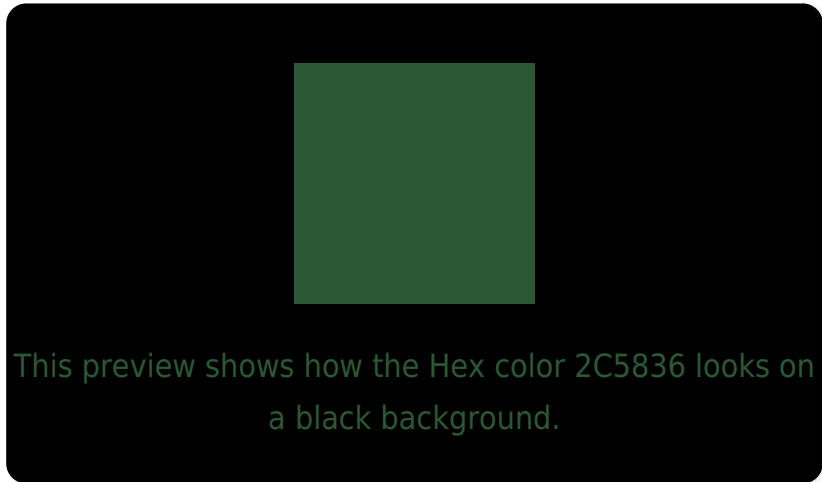
Large Text (above 18pt) WCAG AA ✓ Pass

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

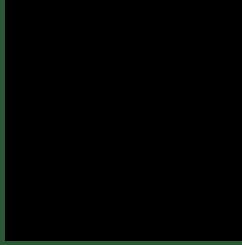
Any Text WCAG AA × Fail

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 2C5836 Background



This preview shows how black text looks on a background with the Hex color 2C5836.



This preview shows how white text looks on a background with the Hex color 2C5836.

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
2C5836

Protanopia
554F32

Deuteranopia
5D4B39



Tritanopia
35545A

Trichromacy



Original Color
2C5836

Protanomaly
465233

Deuteranomaly
4B5038

Tritanomaly
32554D

Monochromacy



Original Color
2C5836

Achromatopsia
474747

Achromatomaly
3D4D41

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C5836 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 #2C5836 looks like.

```
.text, #text, p{  
    color:#2C5836  
}
```

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 #2C5836 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C5836
}
```

Border

The CSS property to change the border of an element to Hex 2C5836 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".

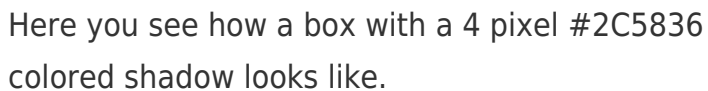
```
.border, #border, table{ border:4px solid
#2C5836 }
```

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

```
.border{ border-color:#2C5836 }
```

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

Here you see how a box with a 4 pixel #2C5836 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C5836; -webkit-box-shadow:4px 4px  
4px 4px #2C5836; box-shadow:4px 4px 4px  
4px #2C5836 }
```

Background

The CSS property to change the background color of an element to Hex 2C5836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C5836 }
```

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

```
.background{ background-color:#2C5836 }
```

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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