

Converting Colors

Hex(2C5838)

Have a look what the booklet for
Hex(2C5838) contains.

Hex(2C5838)	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(2C5838)

Conversions

Conversions Part 1

Format	Color
Hex	2C5838
RGB	44, 88, 56
RGB Percent	17%, 35%, 22%
CMY	0.8275, 0.6549, 0.7804
CMYK	0.50, 0.00, 0.36, 0.65
HSL	136°, 33%, 26%
HSV	136°, 50%, 35%
XYZ	5.2422, 7.8004, 4.9707
YIQ	71.1960, -15.9520, -19.2800

Conversions

Conversions Part 2

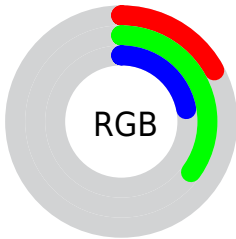
Format	Color
RYB	44, 79, 88
Decimal	2906168
CIELab	33.56, -23.31, 13.98
CIELCh	34, 27.180, 149.058
Yxy	7.8004, 0.2910, 0.4330
Android (android.graphics.Color)	4281096248 (0xFF2C5838)
YUV	71.1960, -7.4916, -23.8509
Hunter-Lab	27.9293, -15.3723, 8.9983

Details

The Hex color **2C5838** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **582C4C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5D8A67**, and **002A0D** is the 20% darker color. If you saturate the color by 10%, you get **235832**, and if you desaturate by 10%, it is **35583E**.

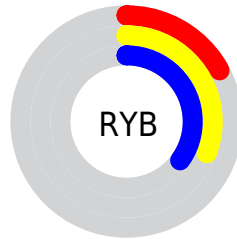
Distribution



Red (17%)

Green (35%)

Blue (22%)



Red (17%)

Yellow (31%)

Blue (35%)

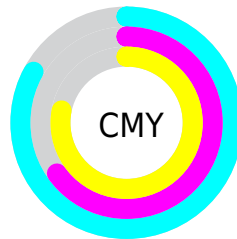


Cyan (50%)

Magenta (0%)

Yellow (36%)

Black (65%)



Cyan (83%)

Magenta (65%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C5838 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 2C5838 by changing the saturation by 10% instead.

 2C5838

 2C5838

FFFFFF

 144022

 5D8A67

 002A0D

 76A580

 001500

 90C09A

 000000

 ABDCB5

 C7F9D1

 E3FFED

 2C5838

 2C5838

 235832

 35583E

■ 1A582B

■ 3E5845

■ 125825

■ 46584B

■ 09581E

■ 4F5852

■ 005818

■ 585858

■ 61585E

■ 6A5865

■ 72586B

■ 7B5872

Harmonies

Analogous

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



475428



2C5838



005A4E

Triad

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



2C5838



29517A



773F3B

Complementary

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



2C5838



582C4C

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.



763D50



2C5838



504A75

Square

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



2C5838



005773



694265



6D462A

Rectangle

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



2C5838



005A5C



694265



783E42

Sweetspot

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



2C5838



627366



4C582C



303B33



BABABA



3B3B3B

Same Dimension

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



2C5838



2E7341



2C584E



272B28



006B1D



00EB40

Inverse Universe

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



582C4C



732E60



582C36



2B272A



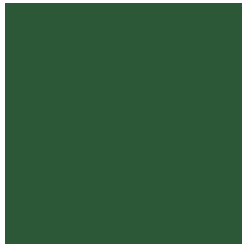
6B004E



EB00AB

Previews

White Background



This preview shows how the Hex color 2C5838 looks on a white background.

Color Contrast Check

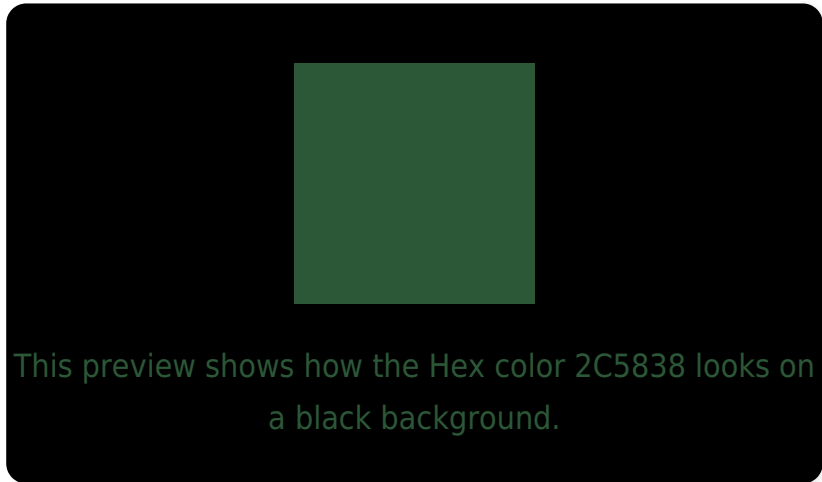
Large Text (above 18pt) WCAG AA ✓ Pass

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

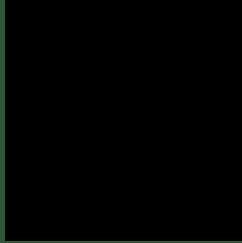
Any Text WCAG AA × Fail

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 2C5838 Background



This preview shows how black text looks on a background with the Hex color 2C5838.



This preview shows how white text looks on a background with the Hex color 2C5838.

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
2C5838

Protanopia
554F34

Deuteranopia
5D4B3B



Tritanopia
34545B

Trichromacy



Original Color
2C5838

Protanomaly
465235

Deuteranomaly
4B503A

Tritanomaly
31554E

Monochromacy



Original Color
2C5838

Achromatopsia
474747

Achromatomaly
3D4D42

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C5838 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 #2C5838 looks like.

```
.text, #text, p{  
    color:#2C5838  
}
```

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 #2C5838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C5838
}
```

Border

The CSS property to change the border of an element to Hex 2C5838 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
#2C5838 }
```

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

```
.border{ border-color:#2C5838 }
```

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

Here you see how a box with a 4 pixel #2C5838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C5838; -webkit-box-shadow:4px 4px  
4px 4px #2C5838; box-shadow:4px 4px 4px  
4px #2C5838 }
```

Background

The CSS property to change the background color of an element to Hex 2C5838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C5838 }
```

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

```
.background{ background-color:#2C5838 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor