

Converting Colors

Hex(2B5739)

Have a look what the booklet for
Hex(2B5739) contains.

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Color

Hex(2B5739)

Conversions

Conversions Part 1

Format	Color
Hex	2B5739
RGB	43, 87, 57
RGB Percent	17%, 34%, 22%
CMY	0.8314, 0.6588, 0.7765
CMYK	0.51, 0.00, 0.34, 0.66
HSL	139°, 34%, 25%
HSV	139°, 51%, 34%
XYZ	5.1430, 7.6254, 5.0717
YIQ	70.4240, -16.5940, -18.6580

Conversions

Conversions Part 2

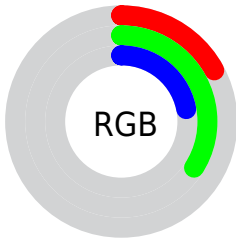
Format	Color
RYB	43, 76, 87
Decimal	2840377
CIELab	33.19, -22.91, 12.85
CIElCh	33, 26.268, 150.712
Yxy	7.6254, 0.2883, 0.4274
Android (android.graphics.Color)	4281030457 (0xFF2B5739)
YUV	70.4240, -6.6180, -24.0508
Hunter-Lab	27.6141, -15.0800, 8.4405

Details

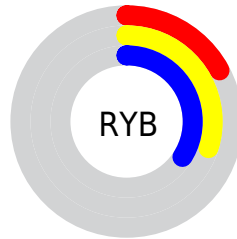
The Hex color **2B5739** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **572B49**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5C8968**, and **00290E** is the 20% darker color. If you saturate the color by 10%, you get **225733**, and if you desaturate by 10%, it is **34573F**.

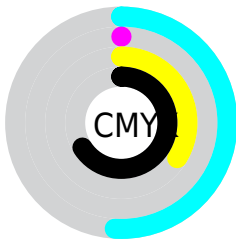
Distribution



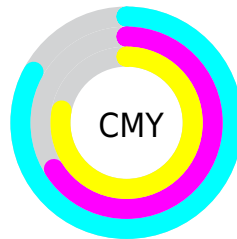
- Red (17%)
- Green (34%)
- Blue (22%)



- Red (17%)
- Yellow (30%)
- Blue (34%)



- Cyan (51%)
- Magenta (0%)
- Yellow (34%)
- Black (66%)



- Cyan (83%)
- Magenta (66%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B5739 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 2B5739 by changing the saturation by 10% instead.

 2B5739

 2B5739

FFFFFF

 133F23

 5C8968

 00290E

 75A481

 001300

 8FBF9B

 000000

 AADBB6

 C6F7D2

 E2FFEE

 2B5739

 2B5739

 225733

 34573F

■ 1A572D

■ 3C5745

■ 115727

■ 45574B

■ 085721

■ 4E5751

■ 00571C

■ 575757

■ 5F575D

■ 685763

■ 715768

■ 79576E

Harmonies

Analogous

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



455329



2B5739



00594E

Triad

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



2B5739



2D5077



753F3A

Complementary

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



2B5739



572B49

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.



743D4E



2B5739



504872

Square

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



2B5739



005572



684163



6B462A

Rectangle

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



2B5739



00595C



684163



763E40

Sweetspot

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



2B5739



5F7065



49572B



2E3831



B8B8B8



383838

Same Dimension

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



2B5739



2C7042



2B574F



272B28



006B22



00EB4B

Inverse Universe

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



572B49



702C5A



572B33



2B272A



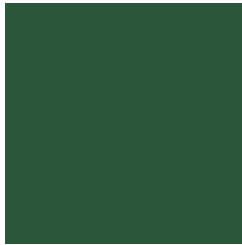
6B0049



EB00A0

Previews

White Background



This preview shows how the Hex color 2B5739 looks on a white background.

Color Contrast Check

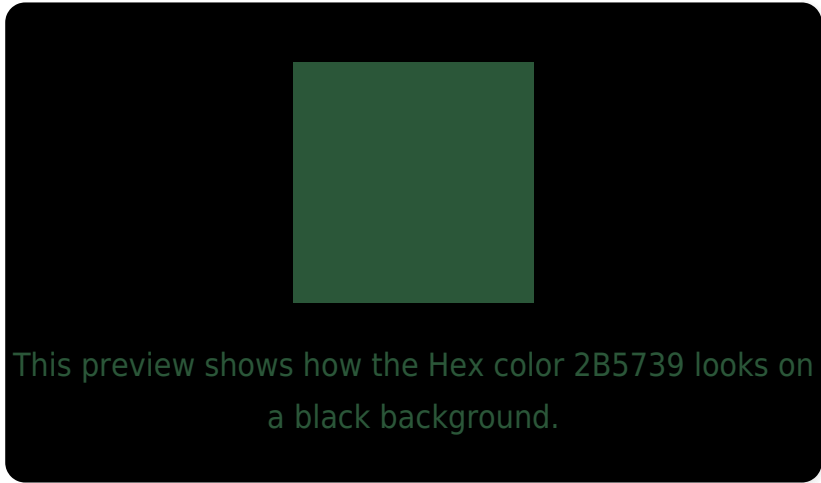
Large Text (above 18pt) WCAG AA ✓ Pass

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

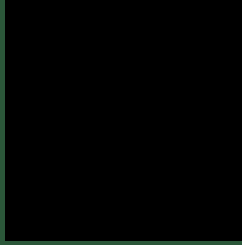
Any Text WCAG AA × Fail

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 2B5739 Background



This preview shows how black text looks on a background with the Hex color 2B5739.



This preview shows how white text looks on a background with the Hex color 2B5739.

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](#).

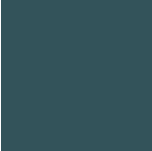
Dichromacy



Original Color
2B5739

Protanopia
544E35

Deuteranopia
5B4B3C



Tritanopia
33535A

Trichromacy



Original Color
2B5739

Protanomaly
455136

Deuteranomaly
4A4F3B

Tritanomaly
30544E

Monochromacy



Original Color
2B5739

Achromatopsia
464646

Achromatomaly
3C4C41

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B5739 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 #2B5739 looks like.

```
.text, #text, p{  
    color:#2B5739  
}
```

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 #2B5739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B5739
}
```

Border

The CSS property to change the border of an element to Hex 2B5739 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".

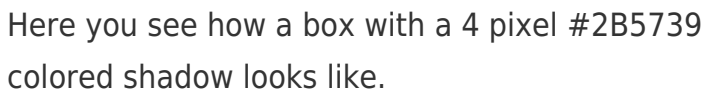
```
.border, #border, table{ border:4px solid
#2B5739 }
```

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

```
.border{ border-color:#2B5739 }
```

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

Here you see how a box with a 4 pixel #2B5739 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B5739; -webkit-box-shadow:4px 4px  
4px 4px #2B5739; box-shadow:4px 4px 4px  
4px #2B5739 }
```

Background

The CSS property to change the background color of an element to Hex 2B5739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B5739 }
```

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

```
.background{ background-color:#2B5739 }
```

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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