

Converting Colors

Hex(2B5845)

Have a look what the booklet for
Hex(2B5845) contains.

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Color

Hex(2B5845)

Conversions

Conversions Part 1

Format	Color
Hex	2B5845
RGB	43, 88, 69
RGB Percent	17%, 35%, 27%
CMY	0.8314, 0.6549, 0.7294
CMYK	0.51, 0.00, 0.22, 0.65
HSL	155°, 34%, 26%
HSV	155°, 51%, 35%
XYZ	5.5602, 7.9227, 6.8664
YIQ	72.3790, -20.7210, -15.4490

Conversions

Conversions Part 2

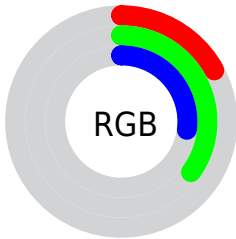
Format	Color
RYB	43, 72, 88
Decimal	2840645
CIELab	33.82, -20.65, 6.29
CIELCh	34, 21.587, 163.055
Yxy	7.9227, 0.2732, 0.3893
Android (android.graphics.Color)	4281030725 (0xFF2B5845)
YUV	72.3790, -1.6658, -25.7654
Hunter-Lab	28.1473, -13.9973, 5.2396

Details

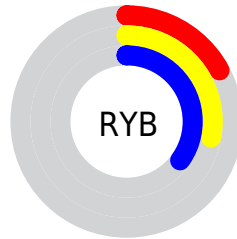
The Hex color **2B5845** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **582B3E**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5C8A75**, and **002A1A** is the 20% darker color. If you saturate the color by 10%, you get **225841**, and if you desaturate by 10%, it is **345849**.

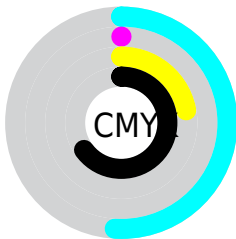
Distribution



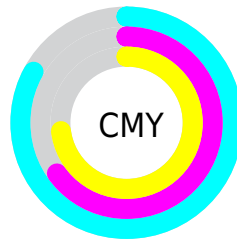
- Red (17%)
- Green (35%)
- Blue (27%)



- Red (17%)
- Yellow (28%)
- Blue (35%)



- Cyan (51%)
- Magenta (0%)
- Yellow (22%)
- Black (65%)



- Cyan (83%)
- Magenta (65%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B5845 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 2B5845 by changing the saturation by 10% instead.

 2B5845

 2B5845

FFFFFF

 12402F

 5C8A75

 002A1A

 75A58F

 001600

 90C0A9

 000000

 AADCC4

 C6F8E0

 E2FFFD

 2B5845

 2B5845

 225841

 345849

■ 19583E

■ 3D584C

■ 11583A

■ 455850

■ 085836

■ 4E5854

■ 005833

■ 575858

■ 60585B

■ 69585F

■ 715863

■ 7A5866

Harmonies

Analogous

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



405536



2B5845



135957

Triad

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



2B5845



434F71



6E4639

Complementary

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



2B5845



582B3E

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.



714249



2B5845



5B4869

Square

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



2B5845



265470



6B435A



634B2F

Rectangle

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



2B5845



085862



6B435A



70443E

Sweetspot

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



2B5845



62736B



3F582B



303B36



BABABA



3B3B3B

Same Dimension

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



2B5845



2D7355



2B5558



272B2A



006B3E



00EB88

Inverse Universe

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



582B3E



732D4A



582E2B



2B2729



6B002D



EB0063

Previews

White Background



This preview shows how the Hex color 2B5845 looks on a white background.

Color Contrast Check

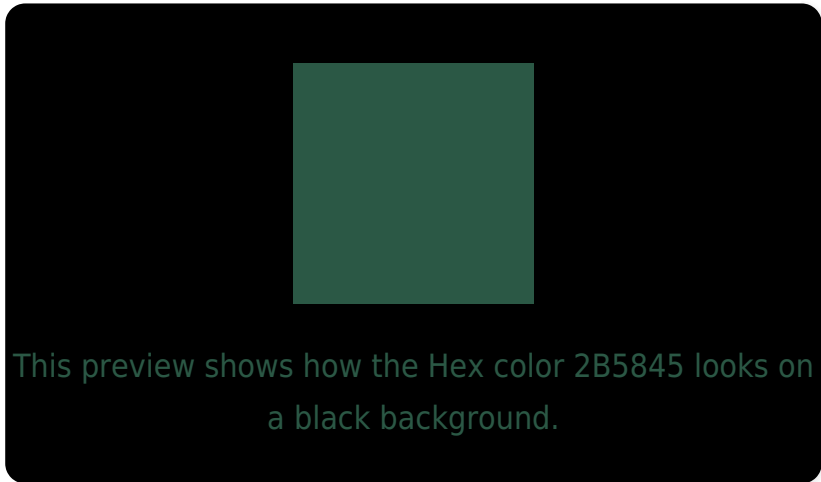
Large Text (above 18pt) WCAG AA ✓ Pass

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

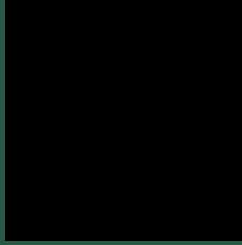
Any Text WCAG AA × Fail

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 2B5845 Background



This preview shows how black text looks on a background with the Hex color 2B5845.



This preview shows how white text looks on a background with the Hex color 2B5845.

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](#).

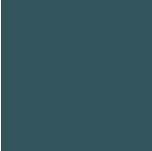
Dichromacy



Original Color
2B5845

Protanopia
544F41

Deuteranopia
5A4C48



Tritanopia
32555C

Trichromacy



Original Color
2B5845

Protanomaly
455242

Deuteranomaly
495047

Tritanomaly
2F5654

Monochromacy



Original Color
2B5845

Achromatopsia
484848

Achromatomaly
3D4E47

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B5845 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 #2B5845 looks like.

```
.text, #text, p{  
    color:#2B5845  
}
```

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 #2B5845 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B5845
}
```

Border

The CSS property to change the border of an element to Hex 2B5845 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
#2B5845 }
```

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

```
.border{ border-color:#2B5845 }
```

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

Here you see how a box with a 4 pixel #2B5845 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B5845; -webkit-box-shadow:4px 4px  
4px 4px #2B5845; box-shadow:4px 4px 4px  
4px #2B5845 }
```

Background

The CSS property to change the background color of an element to Hex 2B5845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B5845 }
```

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

```
.background{ background-color:#2B5845 }
```

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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