

Converting Colors

Hex(2B6E55)

Have a look what the booklet for
Hex(2B6E55) contains.

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Color

Hex(2B6E55)

Conversions

Conversions Part 1

Format	Color
Hex	2B6E55
RGB	43, 110, 85
RGB Percent	17%, 43%, 33%
CMY	0.8314, 0.5686, 0.6667
CMYK	0.61, 0.00, 0.23, 0.57
HSL	158°, 44%, 30%
HSV	158°, 61%, 43%
XYZ	8.2119, 12.3213, 10.5398
YIQ	87.1170, -31.9070, -21.9790

Conversions

Conversions Part 2

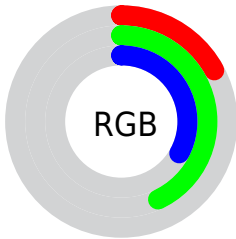
Format	Color
RYB	43, 84, 110
Decimal	2846293
CIELab	41.72, -27.76, 7.69
CIElCh	42, 28.808, 164.516
Yxy	12.3213, 0.2643, 0.3965
Android (android.graphics.Color)	4281036373 (0xFF2B6E55)
YUV	87.1170, -1.0437, -38.6906
Hunter-Lab	35.1018, -19.6689, 6.7686

Details

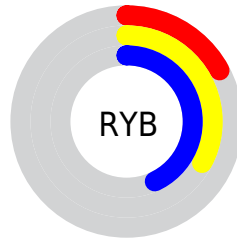
The Hex color **2B6E55** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6E2B44**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5FA287**, and **003E28** is the 20% darker color. If you saturate the color by 10%, you get **206E51**, and if you desaturate by 10%, it is **366E59**.

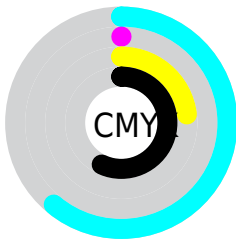
Distribution



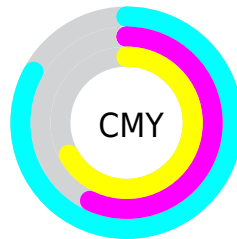
- Red (17%)
- Green (43%)
- Blue (33%)



- Red (17%)
- Yellow (33%)
- Blue (43%)



- Cyan (61%)
- Magenta (0%)
- Yellow (23%)
- Black (57%)



- Cyan (83%)
- Magenta (57%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B6E55 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 2B6E55 by changing the saturation by 10% instead.



2B6E55



2B6E55

FFFFFF



0C553E



5FA287



003E28



7ABDA1



002714



95D9BC



000C00



B0F6D8



000000



CDFFF4



E9FFFF



2B6E55



2B6E55



206E51



366E59

■ 156E4D

■ 416E5D

■ 0A6E49

■ 4C6E61

■ 006E45

■ 576E65

■ 626E6A

■ 6D6E6E

■ 786E72

■ 836E76

■ 8E6E7A

Harmonies

Analogous

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



4C6B40



2B6E55



006F6D

Triad

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



2B6E55



526190



8B5542

Complementary

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



2B6E55



6E2B44

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.



905058



2B6E55



735884

Square

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



2B6E55



226890



895170



7C5D35

Rectangle

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



2B6E55



006E7D



895170



8E5249

Sweetspot

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



2B6E55



758F85



456E2B



384742



C7C7C7



474747

Same Dimension

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



2B6E55



278F68



2B666E



323836



00784B



00F79B

Inverse Universe

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



6E2B44



8F274D



6E332B



383235



78002D



F7005C

Previews

White Background



This preview shows how the Hex color 2B6E55 looks on a white background.

Color Contrast Check

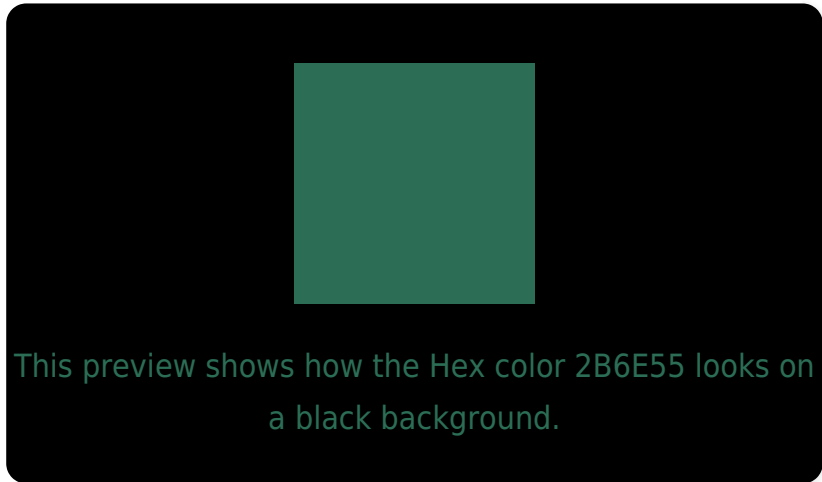
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 2B6E55 Background



This preview shows how black text looks on a background with the Hex color 2B6E55.



This preview shows how white text looks on a background with the Hex color 2B6E55.

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
2B6E55

Protanopia
68624F

Deuteranopia
6F5E58



Tritanopia
356A73

Trichromacy



Original Color
2B6E55

Protanomaly
526651

Deuteranomaly
566457

Tritanomaly
316B68

Monochromacy



Original Color
2B6E55

Achromatopsia
575757

Achromatomaly
475F56

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B6E55 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 #2B6E55 looks like.

```
.text, #text, p{  
    color:#2B6E55  
}
```

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 #2B6E55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6E55
}
```

Border

The CSS property to change the border of an element to Hex 2B6E55 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".

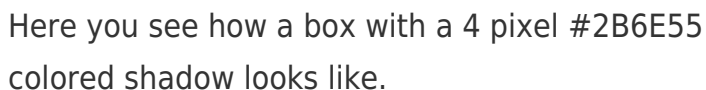
```
.border, #border, table{ border:4px solid
#2B6E55 }
```

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

```
.border{ border-color:#2B6E55 }
```

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

Here you see how a box with a 4 pixel #2B6E55 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6E55; -webkit-box-shadow:4px 4px  
4px 4px #2B6E55; box-shadow:4px 4px 4px  
4px #2B6E55 }
```

Background

The CSS property to change the background color of an element to Hex 2B6E55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6E55 }
```

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

```
.background{ background-color:#2B6E55 }
```

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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