

Converting Colors

Hex(2B7C65)

Have a look what the booklet for
Hex(2B7C65) contains.

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Color

Hex(2B7C65)

Conversions

Conversions Part 1

Format	Color
Hex	2B7C65
RGB	43, 124, 101
RGB Percent	17%, 49%, 40%
CMY	0.8314, 0.5137, 0.6039
CMYK	0.65, 0.00, 0.19, 0.51
HSL	163°, 49%, 33%
HSV	163°, 65%, 49%
XYZ	10.5529, 15.8685, 14.8186
YIQ	97.1590, -40.8930, -24.3250

Conversions

Conversions Part 2

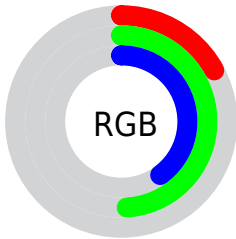
Format	Color
RYB	43, 90, 124
Decimal	2849893
CIELab	46.80, -30.38, 5.40
CIElCh	47, 30.858, 169.916
Yxy	15.8685, 0.2559, 0.3848
Android (android.graphics.Color)	4281039973 (0xFF2B7C65)
YUV	97.1590, 1.8936, -47.4974
Hunter-Lab	39.8353, -22.4247, 5.8289

Details

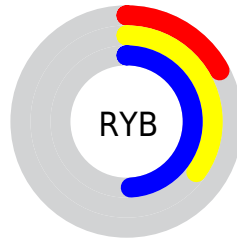
The Hex color **2B7C65** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7C2B42**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **62B198**, and **004A36** is the 20% darker color. If you saturate the color by 10%, you get **1F7C61**, and if you desaturate by 10%, it is **377C69**.

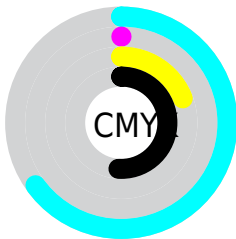
Distribution



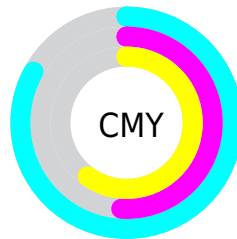
- Red (17%)
- Green (49%)
- Blue (40%)



- Red (17%)
- Yellow (35%)
- Blue (49%)



- Cyan (65%)
- Magenta (0%)
- Yellow (19%)
- Black (51%)



- Cyan (83%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B7C65 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 2B7C65 by changing the saturation by 10% instead.

 2B7C65

 2B7C65

FFFFFF

 05634D

 62B198

 004A36

 7DCDB3

 003321

 99E9CE

 00200A

 B5FFEA

 000000

 D1FFFF

 EFFFFFF

 2B7C65

 2B7C65

 1F7C61

 377C69

■ 127C5E

■ 447C6C

■ 067C5A

■ 507C70

■ 007C59

■ 5D7C73

■ 697C77

■ 757C7A

■ 827C7E

■ 8E7C81

■ 9B7C85

Harmonies

Analogous

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



50794D



2B7C65



007C80

Triad

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



2B7C65



646BA0



996148

Complementary

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



2B7C65



7C2B42

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.



A15B5F



2B7C65



876291

Square

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



2B7C65



3574A2



9B5B79



876A3C

Rectangle

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



2B7C65



007B8F



9B5B79



9D5F4F

Sweetspot

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



2B7C65



81A198



437C2B



3E524C



D1D1D1



525252

Same Dimension

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



2B7C65



23A17D



2B6C7C



373D3B



007D59



00FCB5

Inverse Universe

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



7C2B42



A12347



7C3B2B



3D3739



7D0023



FC0048

Previews

White Background



This preview shows how the Hex color 2B7C65 looks on a white background.

Color Contrast Check

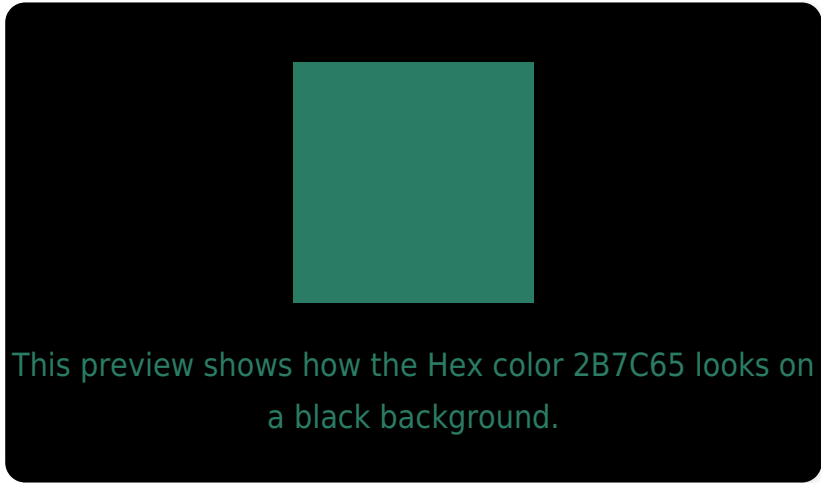
Large Text (above 18pt) WCAG AA ✓ Pass

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

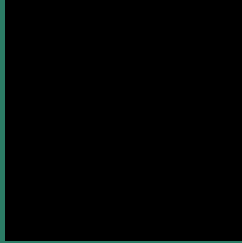
Any Text WCAG AA × Fail

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 2B7C65 Background



This preview shows how black text looks on a background with the Hex color 2B7C65.



This preview shows how white text looks on a background with the Hex color 2B7C65.

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
2B7C65

Protanopia
746E5E

Deuteranopia
7B6B69

Trichromacy



Original Color
2B7C65

Protanomaly
597361

Deuteranomaly
5E7168

Tritanomaly
337977

Monochromacy



Original Color
2B7C65

Achromatopsia
616161

Achromatomaly
4D6B62

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B7C65 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 #2B7C65 looks like.

```
.text, #text, p{  
    color:#2B7C65  
}
```

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 #2B7C65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B7C65
}
```

Border

The CSS property to change the border of an element to Hex 2B7C65 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
#2B7C65 }
```

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

```
.border{ border-color:#2B7C65 }
```

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

Here you see how a box with a 4 pixel #2B7C65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B7C65; -webkit-box-shadow:4px 4px  
4px 4px #2B7C65; box-shadow:4px 4px 4px  
4px #2B7C65 }
```

Background

The CSS property to change the background color of an element to Hex 2B7C65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B7C65 }
```

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

```
.background{ background-color:#2B7C65 }
```

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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