

Converting Colors

Hex(2B7A65)

Have a look what the booklet for
Hex(2B7A65) contains.

Hex(2B7A65)	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(2B7A65)

Conversions

Conversions Part 1

Format	Color
Hex	2B7A65
RGB	43, 122, 101
RGB Percent	17%, 48%, 40%
CMY	0.8314, 0.5216, 0.6039
CMYK	0.65, 0.00, 0.17, 0.52
HSL	164°, 48%, 32%
HSV	164°, 65%, 48%
XYZ	10.3048, 15.3722, 14.7359
YIQ	95.9850, -40.3430, -23.2790

Conversions

Conversions Part 2

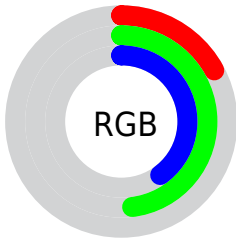
Format	Color
RYB	43, 89, 122
Decimal	2849381
CIELab	46.14, -29.43, 4.45
CIELCh	46, 29.763, 171.394
Yxy	15.3722, 0.2550, 0.3804
Android (android.graphics.Color)	4281039461 (0xFF2B7A65)
YUV	95.9850, 2.4724, -46.4678
Hunter-Lab	39.2075, -21.6985, 5.1613

Details

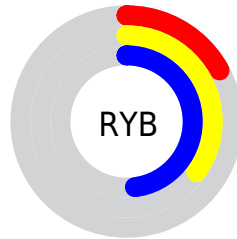
The Hex color **2B7A65** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7A2B40**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **62AF98**, and **004936** is the 20% darker color. If you saturate the color by 10%, you get **1F7A62**, and if you desaturate by 10%, it is **377A68**.

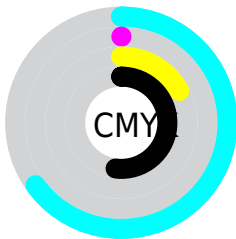
Distribution



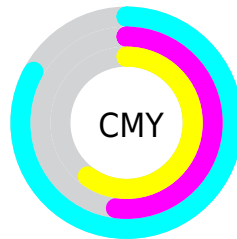
- Red (17%)
- Green (48%)
- Blue (40%)



- Red (17%)
- Yellow (35%)
- Blue (48%)



- Cyan (65%)
- Magenta (0%)
- Yellow (17%)
- Black (52%)



- Cyan (83%)
- Magenta (52%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B7A65 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 2B7A65 by changing the saturation by 10% instead.

 2B7A65

 2B7A65

FFFFFF

 05614D

 62AF98

 004936

 7DCBB3

 003121

 98E7CE

 001E0A

 B4FFEA

 000000

 D1FFFF

 EEEFFF

 2B7A65

 2B7A65

 1F7A62

 377A68

■ 137A5F

■ 437A6B

■ 067A5B

■ 507A6F

■ 007A5A

■ 5C7A72

■ 687A75

■ 747A78

■ 807A7C

■ 8D7A7F

■ 997A82

Harmonies

Analogous

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



4E774D



2B7A65



007A7F

Triad

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



2B7A65



656A9C



956147

Complementary

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



2B7A65



7A2B40

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.



9D5A5C



2B7A65



86608D

Square

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



2B7A65



39729E



995A76



84693C

Rectangle

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



2B7A65



00798D



995A76



995E4E

Sweetspot

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



2B7A65



809E96



407A2B



3D4F4A



CFCFCF



4F4F4F

Same Dimension

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



2B7A65



239E7D



2B687A



373D3C



007D5C



00FCB9

Inverse Universe

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



7A2B40



9E2344



7A3D2B



3D3739



7D0021



FC0043

Previews

White Background



This preview shows how the Hex color 2B7A65 looks on a white background.

Color Contrast Check

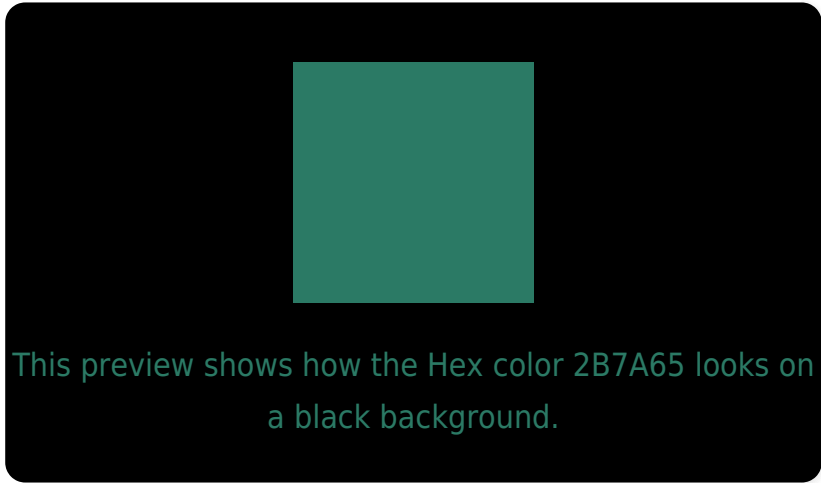
Large Text (above 18pt) WCAG AA ✓ Pass

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

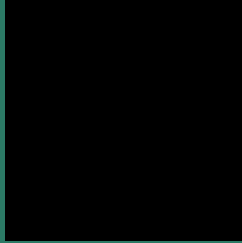
Any Text WCAG AA × Fail

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 2B7A65 Background



This preview shows how black text looks on a background with the Hex color 2B7A65.

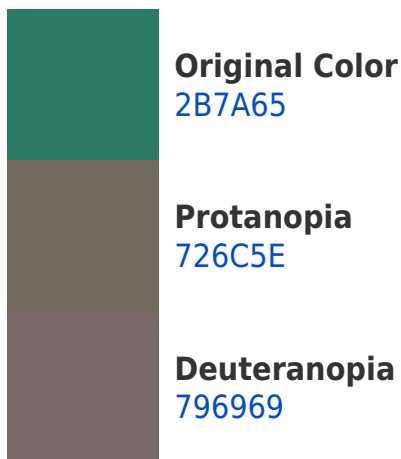


This preview shows how white text looks on a background with the Hex color 2B7A65.

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





Tritanopia
367680

Trichromacy



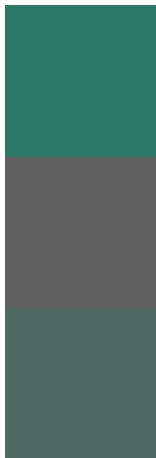
Original Color
2B7A65

Protanomaly
587161

Deuteranomaly
5D6F68

Tritanomaly
327776

Monochromacy



Original Color
2B7A65

Achromatopsia
606060

Achromatomaly
4D6962

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B7A65 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 #2B7A65 looks like.

```
.text, #text, p{  
    color:#2B7A65  
}
```

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 #2B7A65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B7A65
}
```

Border

The CSS property to change the border of an element to Hex 2B7A65 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
#2B7A65 }
```

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

```
.border{ border-color:#2B7A65 }
```

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

Here you see how a box with a 4 pixel #2B7A65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B7A65; -webkit-box-shadow:4px 4px  
4px 4px #2B7A65; box-shadow:4px 4px 4px  
4px #2B7A65 }
```

Background

The CSS property to change the background color of an element to Hex 2B7A65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B7A65 }
```

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

```
.background{ background-color:#2B7A65 }
```

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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