

Converting Colors

Hex(2B7D62)

Have a look what the booklet for
Hex(2B7D62) contains.

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Color

Hex(2B7D62)

Conversions

Conversions Part 1

Format	Color
Hex	2B7D62
RGB	43, 125, 98
RGB Percent	17%, 49%, 38%
CMY	0.8314, 0.5098, 0.6157
CMYK	0.66, 0.00, 0.22, 0.51
HSL	160°, 49%, 33%
HSV	160°, 66%, 49%
XYZ	10.5345, 16.0627, 14.1005
YIQ	97.4040, -40.2050, -25.7810

Conversions

Conversions Part 2

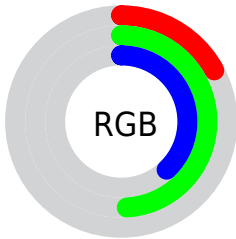
Format	Color
RYB	43, 92, 125
Decimal	2850146
CIELab	47.06, -31.62, 7.53
CIELCh	47, 32.505, 166.602
Yxy	16.0627, 0.2588, 0.3947
Android (android.graphics.Color)	4281040226 (0xFF2B7D62)
YUV	97.4040, 0.2938, -47.7123
Hunter-Lab	40.0783, -23.2186, 7.1952

Details

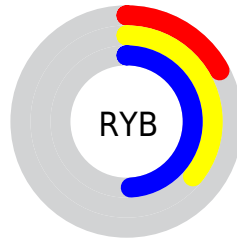
The Hex color **2B7D62** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7D2B46**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **62B295**, and **004B34** is the 20% darker color. If you saturate the color by 10%, you get **1F7D5E**, and if you desaturate by 10%, it is **387D66**.

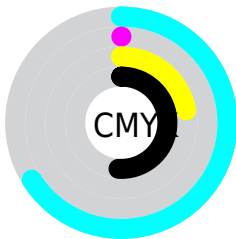
Distribution



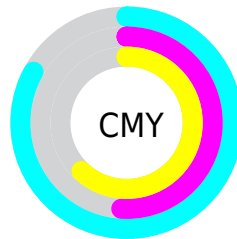
- Red (17%)
- Green (49%)
- Blue (38%)



- Red (17%)
- Yellow (36%)
- Blue (49%)



- Cyan (66%)
- Magenta (0%)
- Yellow (22%)
- Black (51%)



- Cyan (83%)
- Magenta (51%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B7D62 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 2B7D62 by changing the saturation by 10% instead.

 2B7D62

 2B7D62

FFFFFF

 04644A

 62B295

 004B34

 7DCEAF

 00341E

 99EACB

 002006

 B5FFE7

 000000

 D2FFFF

 EFFFFFF

 2B7D62

 2B7D62

 1F7D5E

 387D66

■ 127D5A

■ 447D6A

■ 067D56

■ 517D6E

■ 007D54

■ 5D7D72

■ 6A7D77

■ 767D7B

■ 837D7F

■ 8F7D83

■ 9B7D87

Harmonies

Analogous

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



537949



2B7D62



007E7E

Triad

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



2B7D62



5F6DA4



9D6049

Complementary

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



2B7D62



7D2B46

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.



A45A61



2B7D62



856395

Square

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



2B7D62



2776A4



9C5B7D



8B6A3A

Rectangle

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



2B7D62



007D8F



9C5B7D



A15D50

Sweetspot

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



2B7D62



83A398



467D2B



3E524B



D1D1D1



525252

Same Dimension

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



2B7D62



22A379



2B6F7D



39403E



008056



000000

Inverse Universe

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



7D2B46



A3224D



7D392B



40393B



80002A



000000

Previews

White Background



This preview shows how the Hex color 2B7D62 looks on a white background.

Color Contrast Check

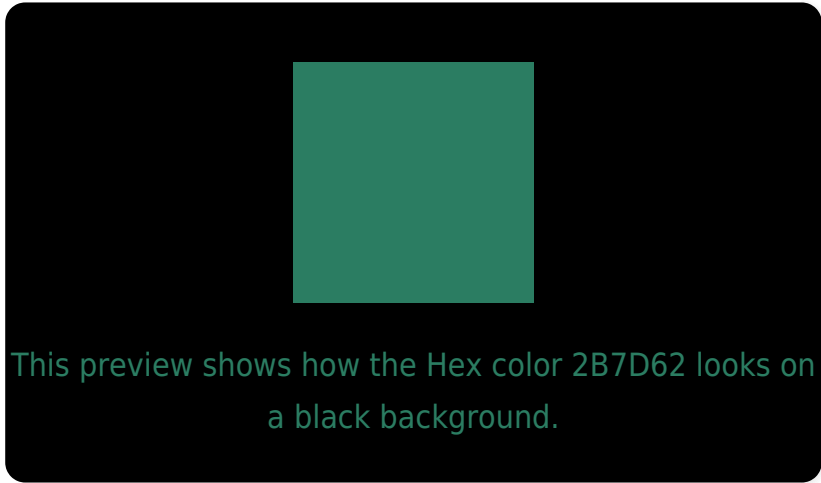
Large Text (above 18pt) WCAG AA ✓ Pass

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

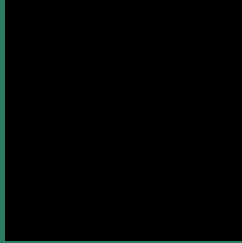
Any Text WCAG AA × Fail

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 2B7D62 Background



This preview shows how black text looks on a background with the Hex color 2B7D62.

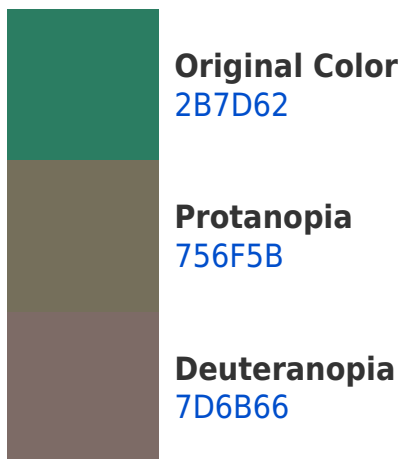


This preview shows how white text looks on a background with the Hex color 2B7D62.

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



Trichromacy



Original Color
2B7D62

Protanomaly
5A745E

Deuteranomaly
5F7265

Tritanomaly
337A76

Monochromacy



Original Color
2B7D62

Achromatopsia
616161

Achromatomaly
4D6B61

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B7D62 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 #2B7D62 looks like.

```
.text, #text, p{  
    color:#2B7D62  
}
```

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 #2B7D62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B7D62
}
```

Border

The CSS property to change the border of an element to Hex 2B7D62 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
#2B7D62 }
```

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

```
.border{ border-color:#2B7D62 }
```

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

Here you see how a box with a 4 pixel #2B7D62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B7D62; -webkit-box-shadow:4px 4px  
4px 4px #2B7D62; box-shadow:4px 4px 4px  
4px #2B7D62 }
```

Background

The CSS property to change the background color of an element to Hex 2B7D62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B7D62 }
```

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

```
.background{ background-color:#2B7D62 }
```

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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