

Converting Colors

Hex(2A7E5D)

Have a look what the booklet for
Hex(2A7E5D) contains.

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Color

Hex(2A7E5D)

Conversions

Conversions Part 1

Format	Color
Hex	2A7E5D
RGB	42, 126, 93
RGB Percent	16%, 49%, 36%
CMY	0.8353, 0.5059, 0.6353
CMYK	0.67, 0.00, 0.26, 0.51
HSL	156°, 50%, 33%
HSV	156°, 67%, 49%
XYZ	10.3915, 16.2043, 12.9360
YIQ	97.1220, -39.4710, -28.0710

Conversions

Conversions Part 2

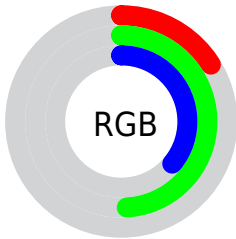
Format	Color
R_{YB}	42, 94, 126
Decimal	2784861
CIE _{Lab}	47.24, -33.51, 10.72
CIE _{LCh}	47, 35.180, 162.265
Y _{xy}	16.2043, 0.2629, 0.4099
Android (android.graphics.Color)	4280974941 (0xFF2A7E5D)
YUV	97.1220, -2.0321, -48.3420
Hunter-Lab	40.2545, -24.3666, 9.1251

Details

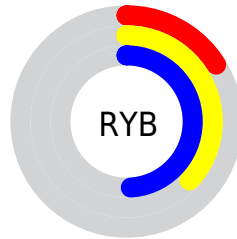
The Hex color **2A7E5D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7E2A4B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **62B38F**, and **004C2F** is the 20% darker color. If you saturate the color by 10%, you get **1D7E58**, and if you desaturate by 10%, it is **377E62**.

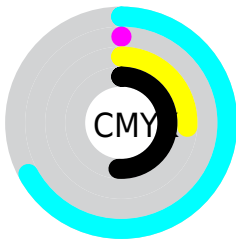
Distribution



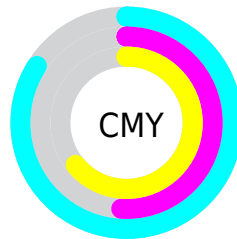
- Red (16%)
- Green (49%)
- Blue (36%)



- Red (16%)
- Yellow (37%)
- Blue (49%)



- Cyan (67%)
- Magenta (0%)
- Yellow (26%)
- Black (51%)



- Cyan (84%)
- Magenta (51%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A7E5D 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 2A7E5D by changing the saturation by 10% instead.

 2A7E5D

 2A7E5D

FFFFFF

 026545

 62B38F

 004C2F

 7DCFAA

 00351A

 98ECC5

 002100

 B4FFE1

 000000

 D1FFFE

 EEEFFF

 2A7E5D

 2A7E5D

 1D7E58

 377E62

■ 117E53

■ 437E67

■ 047E4E

■ 507E6C

■ 007E4C

■ 5C7E71

■ 697E76

■ 767E7B

■ 827E80

■ 8F7E85

■ 9B7E8A

Harmonies

Analogous

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



567A43



2A7E5D



007F7C

Triad

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



2A7E5D



566FAA



A35E4A

Complementary

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



2A7E5D



7E2A4B

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.



A85865



2A7E5D



82649C

Square

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



2A7E5D



0078A8



9E5A83



916837

Rectangle

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



2A7E5D



007E8F



9E5A83



A65B52

Sweetspot

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



2A7E5D



83A396



4C7E2A



3E524A



D1D1D1



525252

Same Dimension

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



2A7E5D



21A370



2A767E



39403D



00804D



000000

Inverse Universe

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



7E2A4B



A32154



7E322A



40393C



800032



000000

Previews

White Background



This preview shows how the Hex color 2A7E5D looks on a white background.

Color Contrast Check

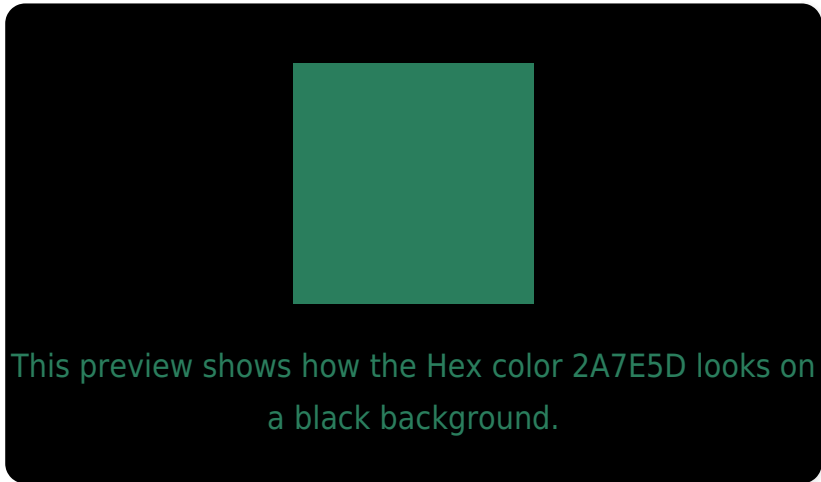
Large Text (above 18pt) WCAG AA ✓ Pass

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

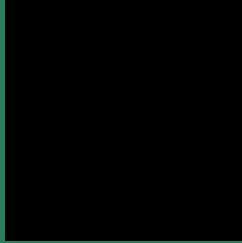
Any Text WCAG AA × Fail

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 2A7E5D Background



This preview shows how black text looks on a background with the Hex color 2A7E5D.



This preview shows how white text looks on a background with the Hex color 2A7E5D.

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
2A7E5D

Protanopia
776F56

Deuteranopia
7F6B61



Tritanopia
397983

Trichromacy



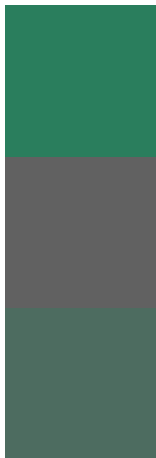
Original Color
2A7E5D

Protanomaly
5B7459

Deuteranomaly
607260

Tritanomaly
347B75

Monochromacy



Original Color
2A7E5D

Achromatopsia
616161

Achromatomaly
4D6C60

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A7E5D 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 #2A7E5D looks like.

```
.text, #text, p{  
    color:#2A7E5D  
}
```

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 #2A7E5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A7E5D
}
```

Border

The CSS property to change the border of an element to Hex 2A7E5D 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".

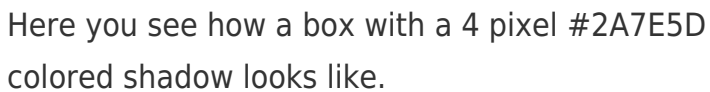
```
.border, #border, table{ border:4px solid
#2A7E5D }
```

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

```
.border{ border-color:#2A7E5D }
```

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

Here you see how a box with a 4 pixel #2A7E5D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A7E5D; -webkit-box-shadow:4px 4px  
4px 4px #2A7E5D; box-shadow:4px 4px 4px  
4px #2A7E5D }
```

Background

The CSS property to change the background color of an element to Hex 2A7E5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A7E5D }
```

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

```
.background{ background-color:#2A7E5D }
```

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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