

Converting Colors

Hex(2A7960)

Have a look what the booklet for
Hex(2A7960) contains.

Hex(2A7960)	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(2A7960)

Conversions

Conversions Part 1

Format	Color
Hex	2A7960
RGB	42, 121, 96
RGB Percent	16%, 47%, 38%
CMY	0.8353, 0.5255, 0.6235
CMYK	0.65, 0.00, 0.21, 0.53
HSL	161°, 48%, 32%
HSV	161°, 65%, 47%
XYZ	9.9035, 15.0115, 13.4419
YIQ	94.5290, -39.0590, -24.5230

Conversions

Conversions Part 2

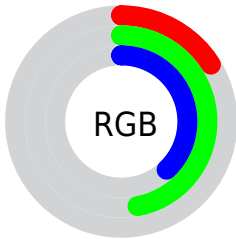
Format	Color
RYB	42, 89, 121
Decimal	2783584
CIELab	45.65, -30.45, 6.71
CIELCh	46, 31.181, 167.578
Yxy	15.0115, 0.2582, 0.3914
Android (android.graphics.Color)	4280973664 (0xFF2A7960)
YUV	94.5290, 0.7252, -46.0679
Hunter-Lab	38.7447, -22.1768, 6.5515

Details

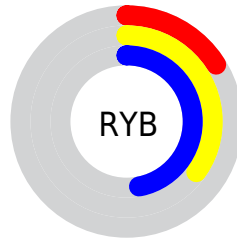
The Hex color **2A7960** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **792A43**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **61AE93**, and **004832** is the 20% darker color. If you saturate the color by 10%, you get **1E795C**, and if you desaturate by 10%, it is **367964**.

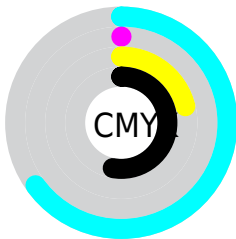
Distribution



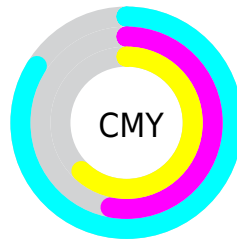
- Red (16%)
- Green (47%)
- Blue (38%)



- Red (16%)
- Yellow (35%)
- Blue (47%)



- Cyan (65%)
- Magenta (0%)
- Yellow (21%)
- Black (53%)



- Cyan (84%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A7960 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 2A7960 by changing the saturation by 10% instead.

 2A7960

 2A7960

FFFFFF

 046048

 61AE93

 004832

 7CCAAD

 00301D

 97E6C8

 001C03

 B3FFE4

 000000

 D0FFFF

 EDFFFF

 2A7960

 2A7960

 1E795C

 367964

■ 127958

■ 427968

■ 067955

■ 4E796B

■ 007953

■ 5A796F

■ 667973

■ 737977

■ 7F797B

■ 8B797F

■ 977982

Harmonies

Analogous

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



507648



2A7960



007A7B

Triad

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



2A7960



5E699E



975E47

Complementary

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



2A7960



792A43

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.



9E585E



2A7960



82608F

Square

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



2A7960



2B729F



975878



866739

Rectangle

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



2A7960



00798B



975878



9B5B4E

Sweetspot

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



2A7960



7E9E94



43792A



3C4F49



CFCFCF



4F4F4F

Same Dimension

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



2A7960



239E77



2A6B79



373D3B



007D55



00FCAD

Inverse Universe

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



792A43



9E234A



79382A



3D3739



7D0028



FC0050

Previews

White Background



This preview shows how the Hex color 2A7960 looks on a white background.

Color Contrast Check

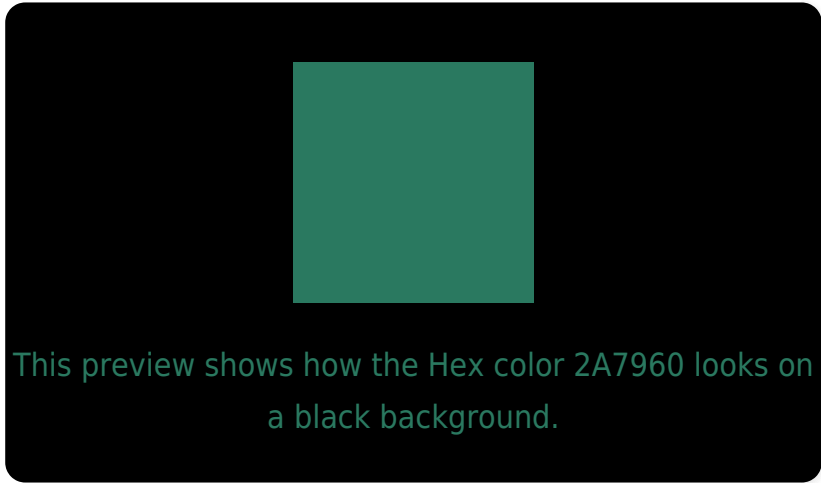
Large Text (above 18pt) WCAG AA ✓ Pass

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

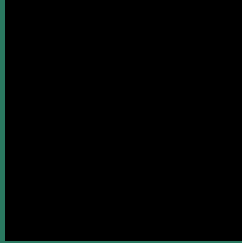
Any Text WCAG AA × Fail

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 2A7960 Background



This preview shows how black text looks on a background with the Hex color 2A7960.

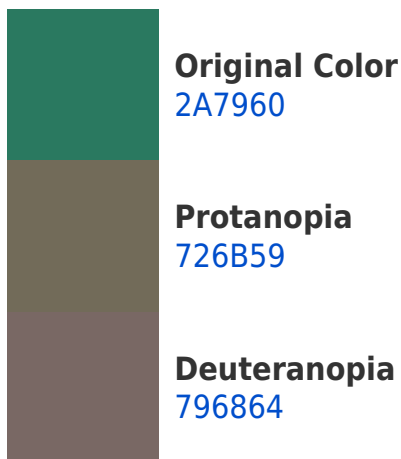


This preview shows how white text looks on a background with the Hex color 2A7960.

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](#).

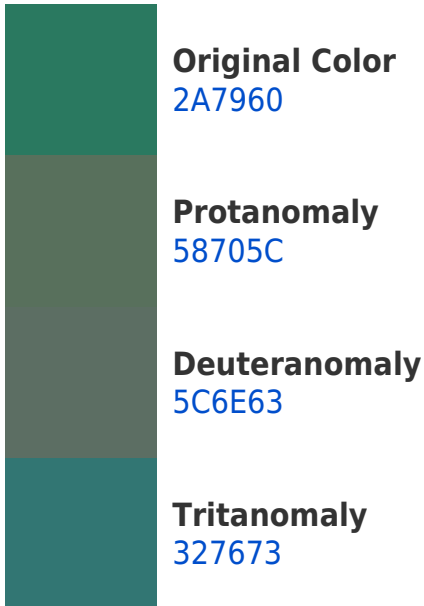
Dichromacy



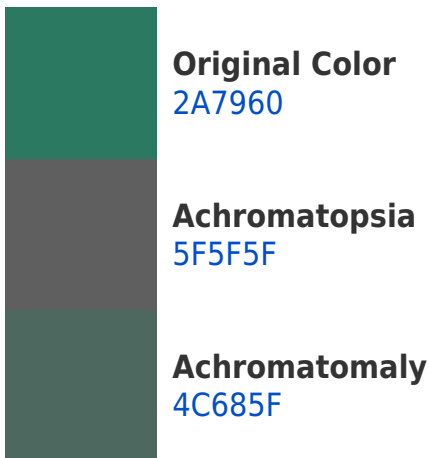


Tritanopia
36757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A7960 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 #2A7960 looks like.

```
.text, #text, p{  
    color:#2A7960  
}
```

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 #2A7960 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A7960
}
```

Border

The CSS property to change the border of an element to Hex 2A7960 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".

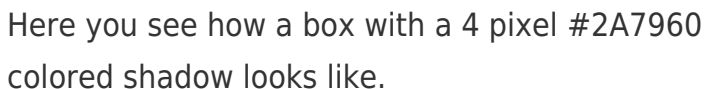
```
.border, #border, table{ border:4px solid
#2A7960 }
```

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

```
.border{ border-color:#2A7960 }
```

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

Here you see how a box with a 4 pixel #2A7960 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A7960; -webkit-box-shadow:4px 4px  
4px 4px #2A7960; box-shadow:4px 4px 4px  
4px #2A7960 }
```

Background

The CSS property to change the background color of an element to Hex 2A7960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A7960 }
```

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

```
.background{ background-color:#2A7960 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor