

Converting Colors

Hex(2A7B72)

Have a look what the booklet for
Hex(2A7B72) contains.

Hex(2A7B72)	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(2A7B72)

Conversions

Conversions Part 1

Format	Color
Hex	2A7B72
RGB	42, 123, 114
RGB Percent	16%, 48%, 45%
CMY	0.8353, 0.5176, 0.5529
CMYK	0.66, 0.00, 0.07, 0.52
HSL	173°, 49%, 32%
HSV	173°, 66%, 48%
XYZ	11.0751, 15.8731, 18.3997
YIQ	97.7550, -45.3870, -19.9710

Conversions

Conversions Part 2

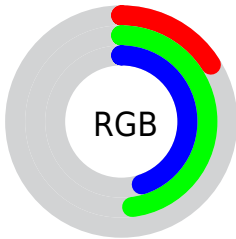
Format	Color
RYB	42, 85, 123
Decimal	2784114
CIELab	46.81, -26.51, -2.28
CIELCh	47, 26.605, 184.924
Yxy	15.8731, 0.2442, 0.3500
Android (android.graphics.Color)	4280974194 (0xFF2A7B72)
YUV	97.7550, 8.0088, -48.8971
Hunter-Lab	39.8410, -20.1021, 0.5070

Details

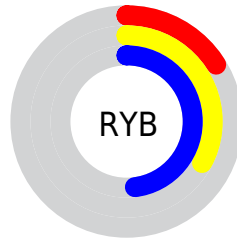
The Hex color **2A7B72** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7B2A33**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **62B0A6**, and **004A42** is the 20% darker color. If you saturate the color by 10%, you get **1E7B71**, and if you desaturate by 10%, it is **367B73**.

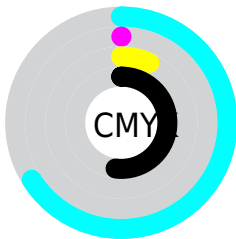
Distribution



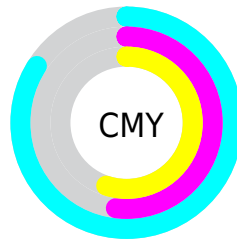
- Red (16%)
- Green (48%)
- Blue (45%)



- Red (16%)
- Yellow (33%)
- Blue (48%)



- Cyan (66%)
- Magenta (0%)
- Yellow (7%)
- Black (52%)



- Cyan (84%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A7B72 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 2A7B72 by changing the saturation by 10% instead.



2A7B72



2A7B72

FFFFFF



01625A



62B0A6



004A42



7DCCC1



00322C



99E8DD



001F18



B5FFF9



000000



D2FFFF



FFFFFF



2A7B72



2A7B72



1E7B71



367B73

■ 117B6F

■ 437B75

■ 057B6E

■ 4F7B76

■ 007B6D

■ 5B7B77

■ 687B79

■ 747B7A

■ 807B7C

■ 8C7B7D

■ 997B7E

Harmonies

Analogous

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



47795B



2A7B72



167A88

Triad

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



2A7B72



766894



8D6747

Complementary

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



2A7B72



7B2A33

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.



996056



2A7B72



8E6182

Square

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



2A7B72



55709B



9A5E6C



7A6F42

Rectangle

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



2A7B72



247893



9A5E6C



92654B

Sweetspot

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



2A7B72



81A19D



337B2A



3E524F



D1D1D1



525252

Same Dimension

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



2A7B72



22A193



2A5C7B



373D3D



007D6F



00FCE0

Inverse Universe

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



7B2A33



A12230



7B492A



3D3738



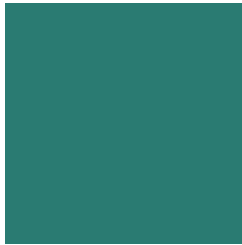
7D000E



FC001C

Previews

White Background



This preview shows how the Hex color 2A7B72 looks on a white background.

Color Contrast Check

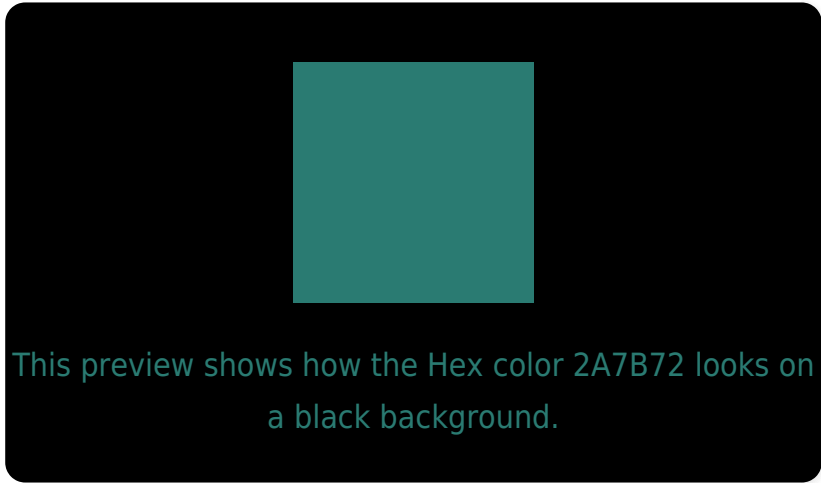
Large Text (above 18pt) WCAG AA ✓ Pass

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

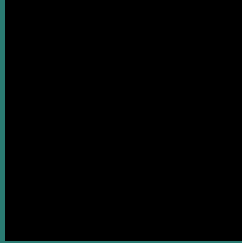
Any Text WCAG AA × Fail

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 2A7B72 Background



This preview shows how black text looks on a background with the Hex color 2A7B72.

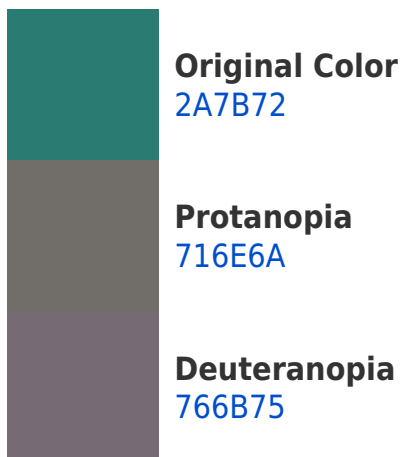


This preview shows how white text looks on a background with the Hex color 2A7B72.

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](#).

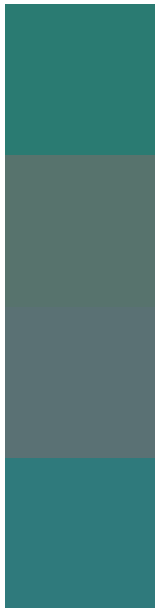
Dichromacy





Tritanopia
327982

Trichromacy



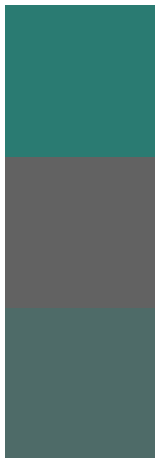
Original Color
2A7B72

Protanomaly
57736D

Deuteranomaly
5A7174

Tritanomaly
2F7A7C

Monochromacy



Original Color
2A7B72

Achromatopsia
626262

Achromatomaly
4E6B68

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A7B72 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 #2A7B72 looks like.

```
.text, #text, p{  
    color:#2A7B72  
}
```

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 #2A7B72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A7B72
}
```

Border

The CSS property to change the border of an element to Hex 2A7B72 is called "border". The border property can be set on classes, ids or directly on the HTML element.

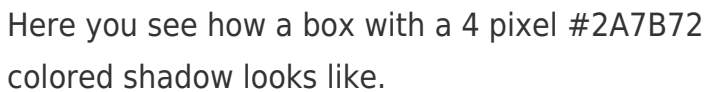
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A7B72 }
```

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

```
.border{ border-color:#2A7B72 }
```

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



Here you see how a box with a 4 pixel #2A7B72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A7B72; -webkit-box-shadow:4px 4px  
4px 4px #2A7B72; box-shadow:4px 4px 4px  
4px #2A7B72 }
```

Background

The CSS property to change the background color of an element to Hex 2A7B72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A7B72 }
```

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

```
.background{ background-color:#2A7B72 }
```

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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