

Converting Colors

Hex(2A7E88)

Have a look what the booklet for
Hex(2A7E88) contains.

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Color

Hex(2A7E88)

Conversions

Conversions Part 1

Format	Color
Hex	2A7E88
RGB	42, 126, 136
RGB Percent	16%, 49%, 53%
CMY	0.8353, 0.5059, 0.4667
CMYK	0.69, 0.07, 0.00, 0.47
HSL	186°, 53%, 35%
HSV	186°, 69%, 53%
XYZ	12.8596, 17.1915, 25.9331
YIQ	102.0240, -53.2740, -14.6980

Conversions

Conversions Part 2

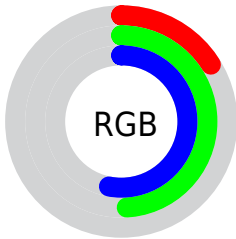
Format	Color
RYB	42, 86, 136
Decimal	2784904
CIELab	48.50, -21.33, -12.77
CIElCh	49, 24.862, 210.894
Yxy	17.1915, 0.2297, 0.3071
Android (android.graphics.Color)	4280974984 (0xFF2A7E88)
YUV	102.0240, 16.7502, -52.6410
Hunter-Lab	41.4627, -17.1979, -8.0594

Details

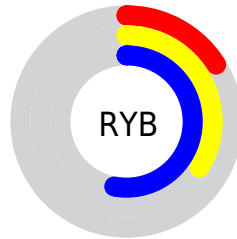
The Hex color **2A7E88** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **88342A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **65B3BD**, and **004D56** is the 20% darker color. If you saturate the color by 10%, you get **1C7D88**, and if you desaturate by 10%, it is **387F88**.

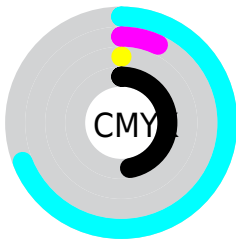
Distribution



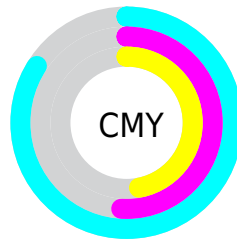
- Red (16%)
- Green (49%)
- Blue (53%)



- Red (16%)
- Yellow (34%)
- Blue (53%)



- Cyan (69%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (84%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A7E88 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 2A7E88 by changing the saturation by 10% instead.

■ 2A7E88

■ 2A7E88

FFFFFF

■ 00656F

■ 65B3BD

■ 004D56

■ 81CFD9

■ 00363F

■ 9DEBF6

■ 002129

■ B9FFFF

■ 000115

■ D6FFFF

■ 000000

■ F3FFFF

■ 2A7E88

■ 2A7E88

■ 1C7D88

■ 387F88

0F7B88

458188

017A88

538288

007A88

608488

6E8588

7C8788

898888

978A88

A48B88

Harmonies

Analogous

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



397F73



2A7E88



387B97

Triad

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



2A7E88



8E6788



817249

Complementary

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



2A7E88



88342A

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.



926B4F



2A7E88



9B6373

Square

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



2A7E88



776E97



9C655F



6B784F

Rectangle

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



2A7E88



4D779C



9C655F



87704A

Sweetspot

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



2A7E88



8BACB0



2A8833



435759



D9D9D9



595959

Same Dimension

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



2A7E88



1EA0B0



2A5088



3E4445



007685



000505

Inverse Universe

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



882A7E



B01EA0



88622A



453E44



850076



050005

Previews

White Background



This preview shows how the Hex color 2A7E88 looks on a white background.

Color Contrast Check

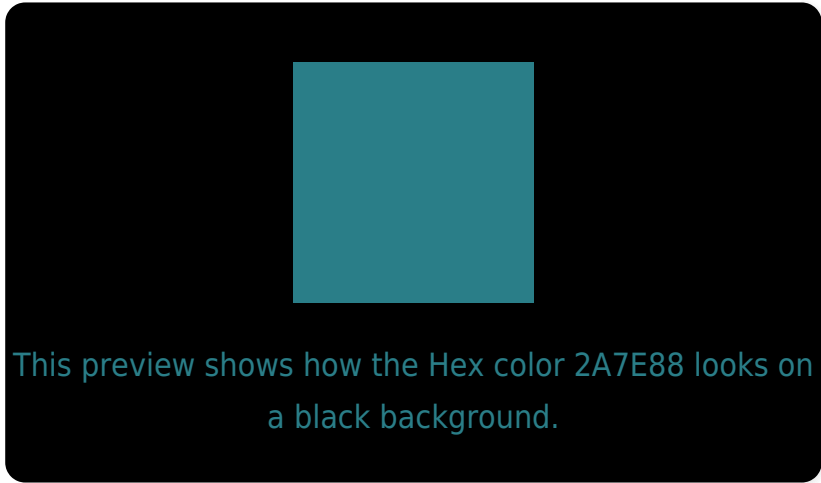
Large Text (above 18pt) WCAG AA ✓ Pass

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

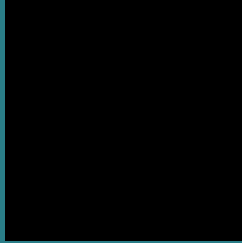
Any Text WCAG AA × Fail

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 2A7E88 Background



This preview shows how black text looks on a background with the Hex color 2A7E88.

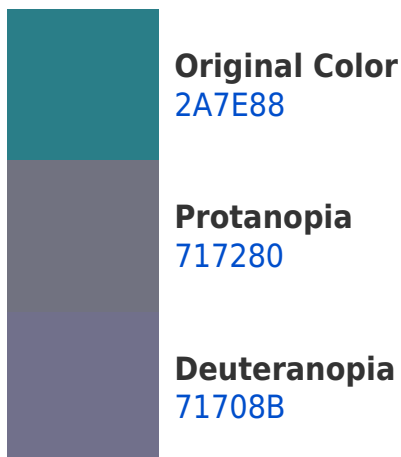


This preview shows how white text looks on a background with the Hex color 2A7E88.

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
2A7E88

Trichromacy



Original Color
2A7E88

Protanomaly
577683

Deuteranomaly
57758A

Tritanomaly
2A7E88

Monochromacy



Original Color
2A7E88

Achromatopsia
666666

Achromatomaly
506F72

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A7E88 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 #2A7E88 looks like.

```
.text, #text, p{  
    color:#2A7E88  
}
```

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 #2A7E88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A7E88
}
```

Border

The CSS property to change the border of an element to Hex 2A7E88 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
#2A7E88 }
```

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

```
.border{ border-color:#2A7E88 }
```

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

Here you see how a box with a 4 pixel #2A7E88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A7E88; -webkit-box-shadow:4px 4px  
4px 4px #2A7E88; box-shadow:4px 4px 4px  
4px #2A7E88 }
```

Background

The CSS property to change the background color of an element to Hex 2A7E88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A7E88 }
```

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

```
.background{ background-color:#2A7E88 }
```

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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