

Converting Colors

Hex(2A7C86)

Have a look what the booklet for
Hex(2A7C86) contains.

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Color

Hex(2A7C86)

Conversions

Conversions Part 1

Format	Color
Hex	2A7C86
RGB	42, 124, 134
RGB Percent	16%, 49%, 53%
CMY	0.8353, 0.5137, 0.4745
CMYK	0.69, 0.07, 0.00, 0.47
HSL	187°, 52%, 35%
HSV	187°, 69%, 53%
XYZ	12.4656, 16.6288, 25.1069
YIQ	100.6220, -52.0820, -14.2740

Conversions

Conversions Part 2

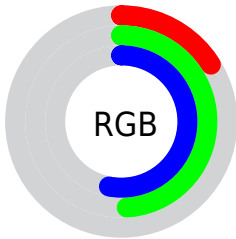
Format	Color
RYB	42, 85, 134
Decimal	2784390
CIELab	47.79, -20.92, -12.66
CIElCh	48, 24.450, 211.189
Yxy	16.6288, 0.2300, 0.3068
Android (android.graphics.Color)	4280974470 (0xFF2A7C86)
YUV	100.6220, 16.4554, -51.4115
Hunter-Lab	40.7784, -16.7964, -7.9595

Details

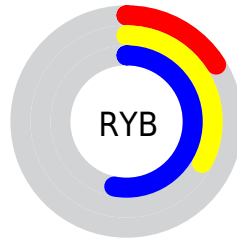
The Hex color **2A7C86** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **86342A**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **64B1BB**, and **004B54** is the 20% darker color. If you saturate the color by 10%, you get **1D7B86**, and if you desaturate by 10%, it is **377D86**.

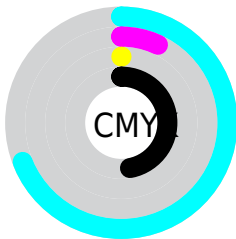
Distribution



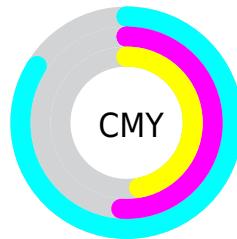
- Red (16%)
- Green (49%)
- Blue (53%)



- Red (16%)
- Yellow (33%)
- 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 2A7C86 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 2A7C86 by changing the saturation by 10% instead.

 2A7C86

 2A7C86

FFFFFF

 00636D

 64B1BB

 004B54

 80CCD7

 00343D

 9CE9F3

 001F27

 B8FFFF

 000113

 D5FFFF

 000000

 F3FFFF

 2A7C86

 2A7C86

 1D7B86

 377D86

■ 0F7986

■ 457F86

■ 027886

■ 528086

■ 007786

■ 608286

■ 6D8386

■ 7A8586

■ 888686

■ 958886

■ A38986

Harmonies

Analogous

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



387D72



2A7C86



387995

Triad

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



2A7C86



8C6586



7F7048

Complementary

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



2A7C86



86342A

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.



90694E



2A7C86



996271

Square

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



2A7C86



756C95



99645D



69774E

Rectangle

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



2A7C86



4C759A



99645D



856E49

Sweetspot

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



2A7C86



89A9AD



2A8633



415457



D6D6D6



575757

Same Dimension

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



2A7C86



1F9EAD



2A4F86



3C4242



007482



000203

Inverse Universe

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



862A7C



AD1F9E



86612A



423C42



820074



030002

Previews

White Background



This preview shows how the Hex color 2A7C86 looks on a white background.

Color Contrast Check

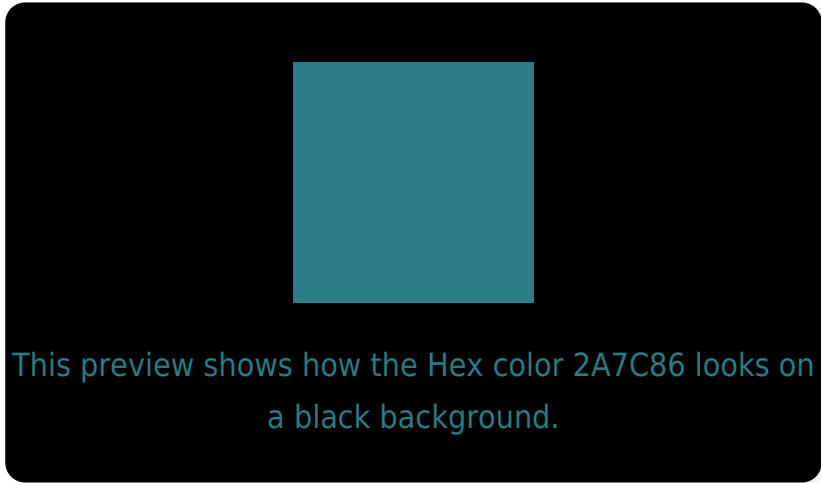
Large Text (above 18pt) WCAG AA ✓ Pass

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

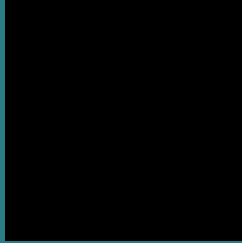
Any Text WCAG AA × Fail

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 2A7C86 Background



This preview shows how black text looks on a background with the Hex color 2A7C86.

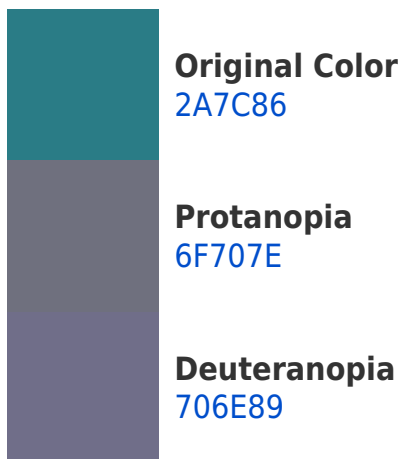



This preview shows how white text looks on a background with the Hex color 2A7C86.

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](#).

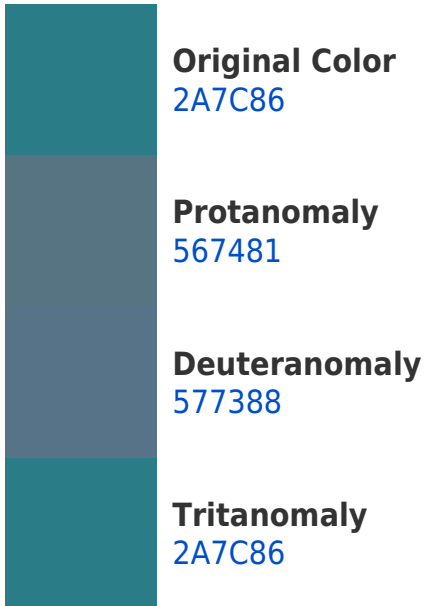
Dichromacy



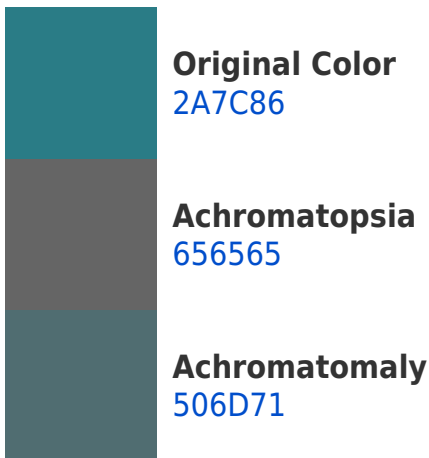


Tritanopia
2A7C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A7C86 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 #2A7C86 looks like.

```
.text, #text, p{  
    color:#2A7C86  
}
```

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 #2A7C86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A7C86
}
```

Border

The CSS property to change the border of an element to Hex 2A7C86 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
#2A7C86 }
```

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

```
.border{ border-color:#2A7C86 }
```

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

Here you see how a box with a 4 pixel #2A7C86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A7C86; -webkit-box-shadow:4px 4px  
4px 4px #2A7C86; box-shadow:4px 4px 4px  
4px #2A7C86 }
```

Background

The CSS property to change the background color of an element to Hex 2A7C86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A7C86 }
```

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

```
.background{ background-color:#2A7C86 }
```

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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