

Converting Colors

Hex(2A687C)

Have a look what the booklet for
Hex(2A687C) contains.

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Color

Hex(2A687C)

Conversions

Conversions Part 1

Format	Color
Hex	2A687C
RGB	42, 104, 124
RGB Percent	16%, 41%, 49%
CMY	0.8353, 0.5922, 0.5137
CMYK	0.66, 0.16, 0.00, 0.51
HSL	195°, 49%, 33%
HSV	195°, 66%, 49%
XYZ	9.5432, 11.8481, 20.8527
YIQ	87.7420, -43.3720, -6.9240

Conversions

Conversions Part 2

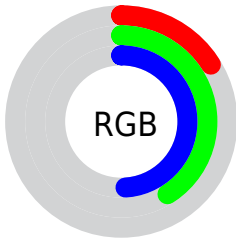
Format	Color
RYB	42, 77, 124
Decimal	2779260
CIELab	40.97, -13.18, -17.05
CIElCh	41, 21.554, 232.292
Yxy	11.8481, 0.2259, 0.2805
Android (android.graphics.Color)	4280969340 (0xFF2A687C)
YUV	87.7420, 17.8752, -40.1157
Hunter-Lab	34.4211, -10.7477, -11.8239

Details

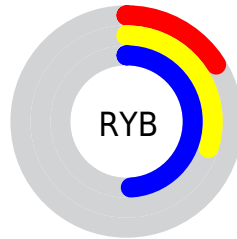
The Hex color **2A687C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C3E2A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **619BB1**, and **00394B** is the 20% darker color. If you saturate the color by 10%, you get **1E657C**, and if you desaturate by 10%, it is **366B7C**.

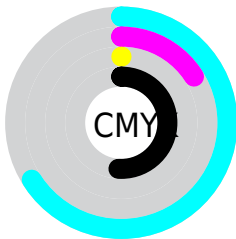
Distribution



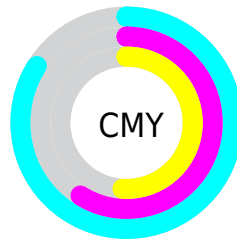
- Red (16%)
- Green (41%)
- Blue (49%)



- Red (16%)
- Yellow (30%)
- Blue (49%)



- Cyan (66%)
- Magenta (16%)
- Yellow (0%)
- Black (51%)



- Cyan (84%)
- Magenta (59%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A687C 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 2A687C by changing the saturation by 10% instead.

■ 2A687C

■ 2A687C

FFFFFF

■ 045063

■ 619BB1

■ 00394B

■ 7CB6CC

■ 002334

■ 98D2E8

■ 000920

■ B3EEFF

■ 000004

■ D0FFFF

■ 000000

■ EDFFFF

■ 2A687C

■ 2A687C

■ 1E657C

■ 366B7C

■ 11627C

■ 436E7C

■ 055F7C

■ 4F717C

■ 005E7C

■ 5C747C

■ 68777C

■ 747A7C

■ 817D7C

■ 8D807C

■ 9A837C

Harmonies

Analogous

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



266A6D



2A687C



426483

Triad

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



2A687C



805466



5F6440

Complementary

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



2A687C



7C3E2A

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.



715E3E



2A687C



845454

Square

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



2A687C



735876



7E5845



4B684A

Rectangle

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



2A687C



546083



7E5845



66623E

Sweetspot

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



2A687C



8199A1



2A7C3D



3E4D52



D1D1D1



525252

Same Dimension

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



2A687C



2282A1



2A407C



373C3D



005E7D



00BFFC

Inverse Universe

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



7C2A68



A12282



7C662A



3D373C



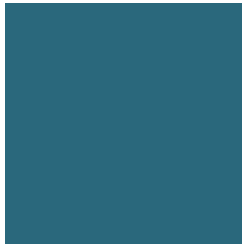
7D005E



FC00BF

Previews

White Background



This preview shows how the Hex color 2A687C looks on a white background.

Color Contrast Check

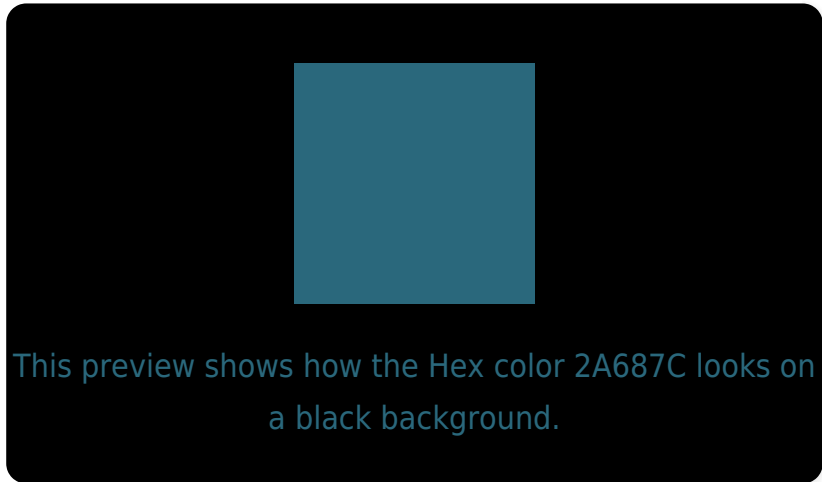
Large Text (above 18pt) WCAG AA ✓ Pass

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

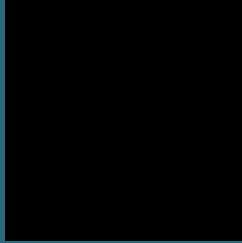
Any Text WCAG AA × Fail

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 2A687C Background



This preview shows how black text looks on a background with the Hex color 2A687C.

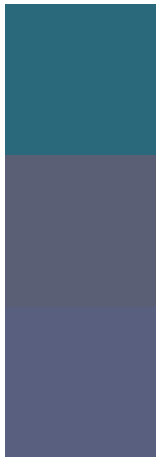


This preview shows how white text looks on a background with the Hex color 2A687C.

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
2A687C

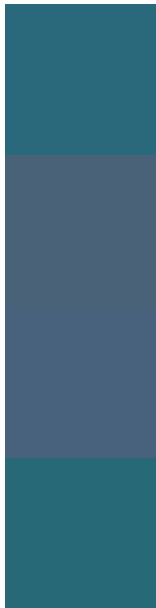
Protanopia
5B5F76

Deuteranopia
595F7E



Tritanopia
256A72

Trichromacy



Original Color
2A687C

Protanomaly
496278

Deuteranomaly
48627D

Tritanomaly
276976

Monochromacy



Original Color
2A687C

Achromatopsia
585858

Achromatomaly
475E65

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A687C 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 #2A687C looks like.

```
.text, #text, p{  
    color:#2A687C  
}
```

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 #2A687C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A687C
}
```

Border

The CSS property to change the border of an element to Hex 2A687C is called "border". The border property can be set on classes, ids or directly on the HTML element.

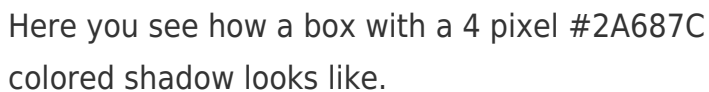
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A687C }
```

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

```
.border{ border-color:#2A687C }
```

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



Here you see how a box with a 4 pixel #2A687C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A687C; -webkit-box-shadow:4px 4px  
4px 4px #2A687C; box-shadow:4px 4px 4px  
4px #2A687C }
```

Background

The CSS property to change the background color of an element to Hex 2A687C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A687C }
```

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

```
.background{ background-color:#2A687C }
```

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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