

Converting Colors

Hex(2E687C)

Have a look what the booklet for
Hex(2E687C) contains.

Hex(2E687C)	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(2E687C)

Conversions

Conversions Part 1

Format	Color
Hex	2E687C
RGB	46, 104, 124
RGB Percent	18%, 41%, 49%
CMY	0.8196, 0.5922, 0.5137
CMYK	0.63, 0.16, 0.00, 0.51
HSL	195°, 46%, 33%
HSV	195°, 63%, 49%
XYZ	9.7151, 11.9367, 20.8608
YIQ	88.9380, -40.9880, -6.0760

Conversions

Conversions Part 2

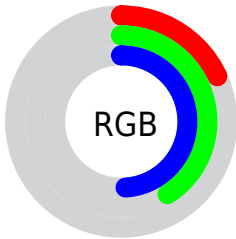
Format	Color
RYB	46, 79, 124
Decimal	3041404
CIELab	41.12, -12.41, -16.82
CIELCh	41, 20.903, 233.590
Yxy	11.9367, 0.2285, 0.2808
Android (android.graphics.Color)	4281231484 (0xFF2E687C)
YUV	88.9380, 17.2856, -37.6566
Hunter-Lab	34.5495, -10.2686, -11.6142

Details

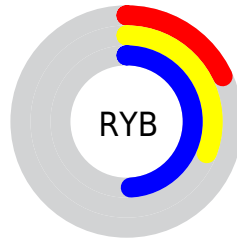
The Hex color **2E687C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C422E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **649BB1**, and **00394B** is the 20% darker color. If you saturate the color by 10%, you get **22657C**, and if you desaturate by 10%, it is **3A6B7C**.

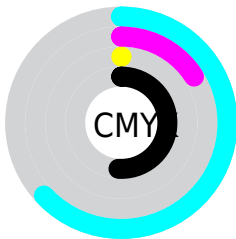
Distribution



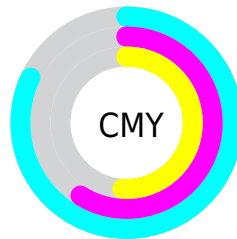
- Red (18%)
- Green (41%)
- Blue (49%)



- Red (18%)
- Yellow (31%)
- Blue (49%)



- Cyan (63%)
- Magenta (16%)
- Yellow (0%)
- Black (51%)



- Cyan (82%)
- Magenta (59%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E687C 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 2E687C by changing the saturation by 10% instead.

 2E687C

 2E687C

FFFFFF

 0C5063

 649BB1

 00394B

 7FB6CC

 002334

 9AD2E8

 00091F

 B6EEFF

 000004

 D3FFFF

 000000

 F0FFFF

 2E687C

 2E687C

 22657C

 3A6B7C

■ 15627C

■ 476E7C

■ 095E7C

■ 53727C

■ 005C7C

■ 60757C

■ 6C787C

■ 787B7C

■ 857E7C

■ 91817C

■ 9E857C

Harmonies

Analogous

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



296A6E



2E687C



456483

Triad

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



2E687C



805465



5F6441

Complementary

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



2E687C



7C422E

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.



705F3F



2E687C



835554

Square

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



2E687C



735875



7D5946



4B684C

Rectangle

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



2E687C



566082



7D5946



65623F

Sweetspot

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



2E687C



8299A1



2E7C41



3F4D52



D1D1D1



525252

Same Dimension

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



2E687C



2882A1



2E417C



373C3D



005D7D



00BCFC

Inverse Universe

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



7C2E68



A12882



7C692E



3D373C



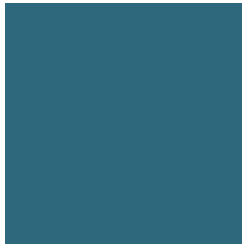
7D005D



FC00BC

Previews

White Background



This preview shows how the Hex color 2E687C looks on a white background.

Color Contrast Check

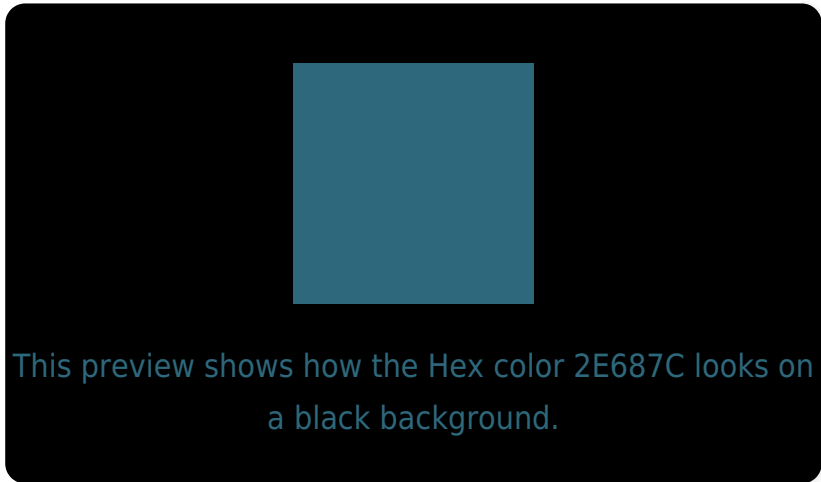
Large Text (above 18pt) WCAG AA ✓ Pass

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

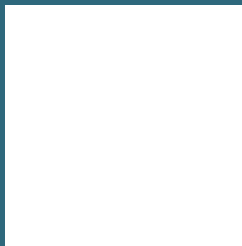
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2E687C Background



This preview shows how black text looks on a background with the Hex color 2E687C.

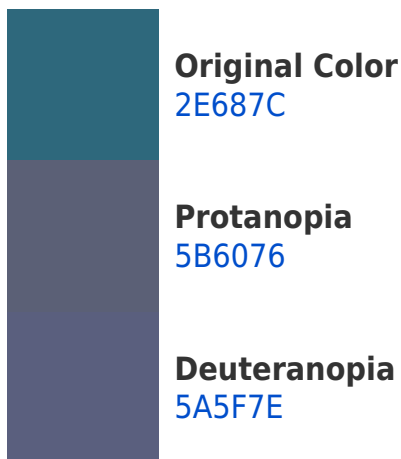


This preview shows how white text looks on a background with the Hex color 2E687C.

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](#).

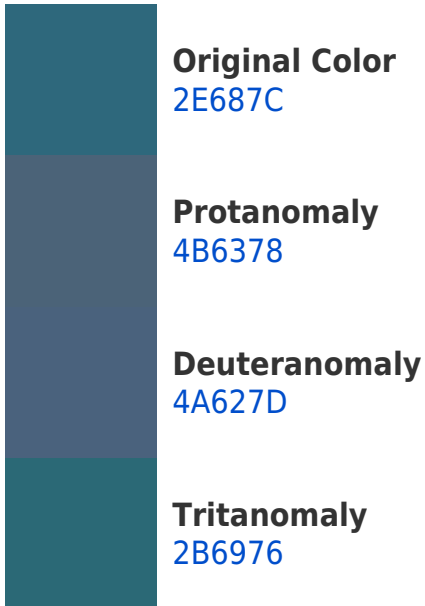
Dichromacy





Tritanopia
296A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E687C 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 #2E687C looks like.

```
.text, #text, p{  
    color:#2E687C  
}
```

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 #2E687C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E687C  
}
```

Border

The CSS property to change the border of an element to Hex 2E687C 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  
#2E687C }
```

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

```
.border{ border-color:#2E687C }
```

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

Here you see how a box with a 4 pixel #2E687C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E687C; -webkit-box-shadow:4px 4px  
4px 4px #2E687C; box-shadow:4px 4px 4px  
4px #2E687C }
```

Background

The CSS property to change the background color of an element to Hex 2E687C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E687C }
```

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

```
.background{ background-color:#2E687C }
```

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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