

# Converting Colors

Hex(26697B)

Have a look what the booklet for  
Hex(26697B) contains.

<b>Hex(26697B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(26697B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	26697B
RGB	38, 105, 123
RGB Percent	15%, 41%, 48%
CMY	0.8510, 0.5882, 0.5176
CMYK	0.69, 0.15, 0.00, 0.52
HSL	193°, 53%, 32%
HSV	193°, 69%, 48%
XYZ	9.4261, 11.9453, 20.5478
YIQ	87.0190, -45.7100, -8.6060

# Conversions

## Conversions Part 2

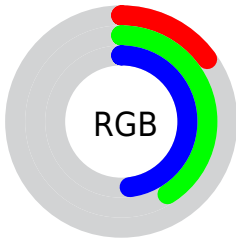
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 75, 123
Decimal	2517371
CIELab	41.13, -14.81, -16.22
CIElCh	41, 21.963, 227.605
Yxy	11.9453, 0.2249, 0.2850
Android (android.graphics.Color)	4280707451 (0xFF26697B)
YUV	87.0190, 17.7386, -42.9897
Hunter-Lab	34.5619, -11.8012, -11.0557




# Details

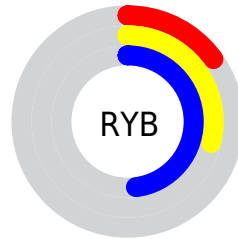
The Hex color **26697B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B3826**, and the grayscale version is **575757**.




A 20% lighter version of the original color is **5E9CB0**, and **003A4A** is the 20% darker color. If you saturate the color by 10%, you get **1A667B**, and if you desaturate by 10%, it is **326C7B**.

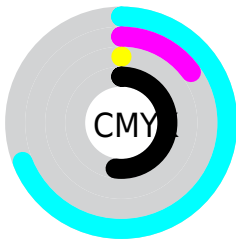
# Distribution







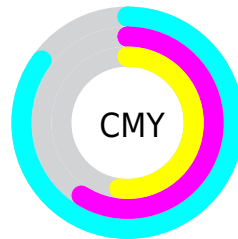
-  Red (15%)
-  Green (41%)
-  Blue (48%)






-  Red (15%)
-  Yellow (29%)
-  Blue (48%)



-  Cyan (69%)
-  Magenta (15%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (85%)
-  Magenta (59%)
-  Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26697B 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 26697B by changing the saturation by 10% instead.



■ 26697B

■ 26697B

FFFFFF

■ 005162

■ 5E9CB0

■ 003A4A

■ 79B7CB

■ 002434

■ 95D3E7

■ 000A1F

■ B1EFFF

■ 000002

■ CDFFFF

■ 000000

■ EAFFFF

■ 26697B

■ 26697B

■ 1A667B

■ 326C7B

0D647B

3F6E7B

01617B

4B717B

00617B

57737B

63767B

70797B

7C7B7B

887E7B

95807B

# Harmonies

## Analogous

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



266B6B



26697B



3D6584

# Triad

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



26697B



805469



63633E

# Complementary

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



26697B



7B3826

# 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.



745D3E



26697B



855457

# Square

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



26697B



705979



805747



4E6848

# Rectangle

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



26697B



506184



805747



69613D



# Sweetspot

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



26697B



7F9AA1



267B37



3D4D52



D1D1D1



525252



# Same Dimension

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



26697B



1B84A1



263F7B



373C3D



00627D



00C7FC



# Inverse Universe

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



7B2669



A11B84



7B6226



3D373C



7D0062

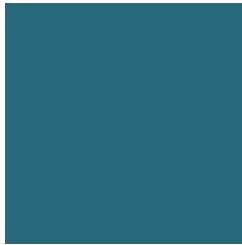


FC00C7



# Previews

## White Background



This preview shows how the Hex color 26697B looks on a white background.

## Color Contrast Check

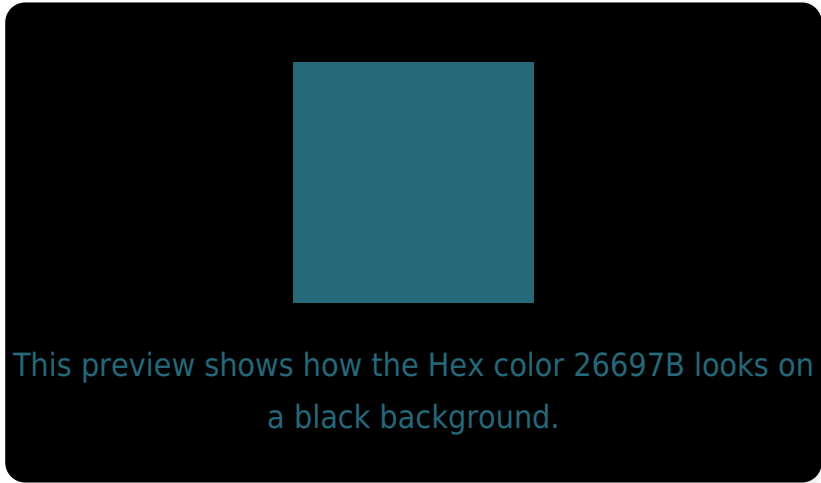
Large Text (above 18pt) WCAG AA ✓ Pass

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

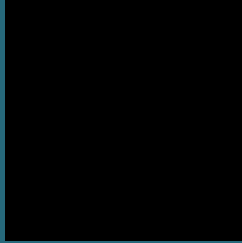
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

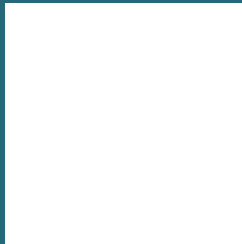
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 26697B Background



This preview shows how black text looks on a background with the Hex color 26697B.

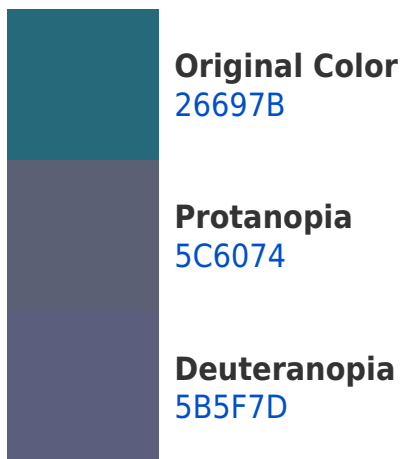



This preview shows how white text looks on a background with the Hex color 26697B.

# 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](#).

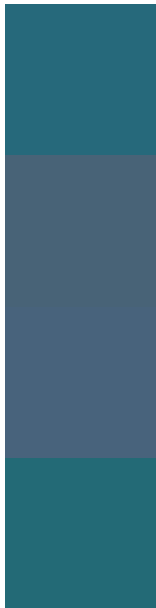
## Dichromacy





**Tritanopia**  
216A73

# Trichromacy



**Original Color**  
26697B

**Protanomaly**  
486377

**Deuteranomaly**  
48637C

**Tritanomaly**  
236A76

# Monochromacy



**Original Color**  
26697B

**Achromatopsia**  
575757

**Achromatomaly**  
455E64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26697B 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 #26697B looks like.

```
.text, #text, p{  
    color:#26697B  
}
```

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 #26697B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26697B
}
```

## Border

The CSS property to change the border of an element to Hex 26697B 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
#26697B }
```

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

```
.border{ border-color:#26697B }
```

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

Here you see how a box with a 4 pixel #26697B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26697B; -webkit-box-shadow:4px 4px  
4px 4px #26697B; box-shadow:4px 4px 4px  
4px #26697B }
```

# Background

The CSS property to change the background color of an element to Hex 26697B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26697B }
```

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

```
.background{ background-color:#26697B }
```

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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