

# Converting Colors

Hex(26637D)

Have a look what the booklet for  
Hex(26637D) contains.

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# Color

**Hex(26637D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	26637D
RGB	38, 99, 125
RGB Percent	15%, 39%, 49%
CMY	0.8510, 0.6118, 0.5098
CMYK	0.70, 0.21, 0.00, 0.51
HSL	198°, 53%, 32%
HSV	198°, 70%, 49%
XYZ	8.9628, 10.8164, 21.0174
YIQ	83.7250, -44.7020, -4.8460

# Conversions

## Conversions Part 2

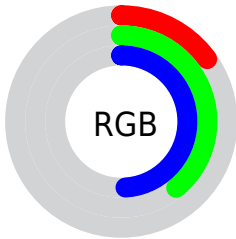
Format	Color
<b>R<sub>YB</sub></b>	38, 74, 125
Decimal	2515837
CIE <sub>Lab</sub>	39.27, -10.65, -20.29
CIE <sub>LCh</sub>	39, 22.917, 242.313
Yxy	10.8164, 0.2197, 0.2651
Android (android.graphics.Color)	4280705917 (0xFF26637D)
YUV	83.7250, 20.3486, -40.1008
Hunter-Lab	32.8883, -8.9091, -14.8677




# Details

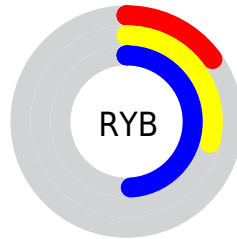
The Hex color **26637D** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7D4026**, and the grayscale version is **545454**.




A 20% lighter version of the original color is **5E96B2**, and **00344C** is the 20% darker color. If you saturate the color by 10%, you get **195F7D**, and if you desaturate by 10%, it is **32677D**.

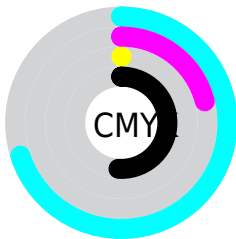
# Distribution







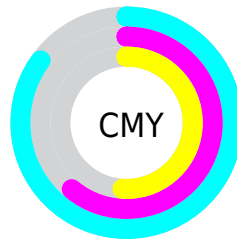
-  Red (15%)
-  Green (39%)
-  Blue (49%)






-  Red (15%)
-  Yellow (29%)
-  Blue (49%)



-  Cyan (70%)
-  Magenta (21%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (85%)
-  Magenta (61%)
-  Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26637D 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 26637D by changing the saturation by 10% instead.



■ 26637D

■ 26637D

FFFFFF

■ 004B64

■ 5E96B2

■ 00344C

■ 79B0CD

■ 001F35

■ 95CCE9

■ 000220

■ B1E8FF

■ 000004

■ CDFFFF

■ 000000

■ EAFFFF

■ 26637D

■ 26637D

■ 195F7D

■ 32677D

0D5C7D

3F6A7D

00587D

4B6E7D

58727D

64767D

71797D

7E7D7D

8A817D

96857D

# Harmonies

## Analogous

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



156670



26637D



455E81

# Triad

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



26637D



804E5C



54613C

# Complementary

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



26637D



7D4026

# 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.



685C37



26637D



80504A

# Square

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



26637D



75516E



77553C



3E654B

# Rectangle

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



26637D



58597F



77553C



5B6039



# Sweetspot

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



26637D



8199A3



267D3F



3D4C52



D1D1D1



525252



# Same Dimension

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



26637D



1A7AA3



26397D



393E40



005980



000000



# Inverse Universe

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



7D2663



A31A7A



7D6A26



40393E



800059

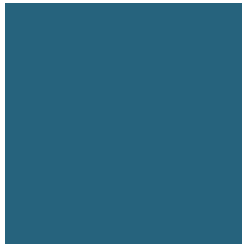


000000



# Previews

## White Background



This preview shows how the Hex color 26637D looks on a white background.

## Color Contrast Check

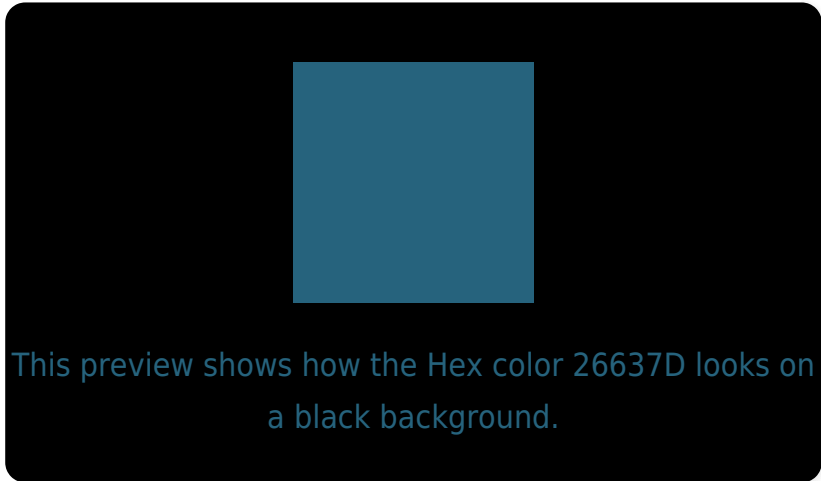
Large Text (above 18pt) WCAG AA ✓ Pass

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

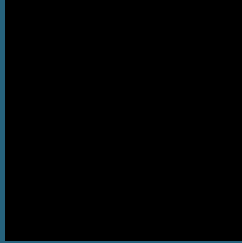
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 26637D Background



This preview shows how black text looks on a background with the Hex color 26637D.



This preview shows how white text looks on a background with the Hex color 26637D.

# 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](#).

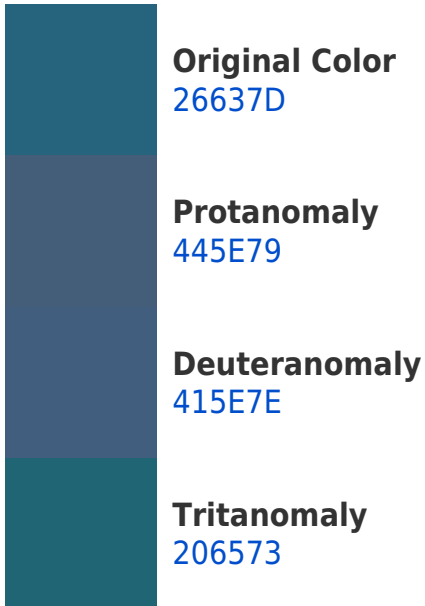
## Dichromacy





**Tritanopia**  
1C666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26637D 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 #26637D looks like.

```
.text, #text, p{  
    color:#26637D  
}
```

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 #26637D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26637D
}
```

## Border

The CSS property to change the border of an element to Hex 26637D 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
#26637D }
```

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

```
.border{ border-color:#26637D }
```

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

Here you see how a box with a 4 pixel #26637D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26637D; -webkit-box-shadow:4px 4px  
4px 4px #26637D; box-shadow:4px 4px 4px  
4px #26637D }
```

# Background

The CSS property to change the background color of an element to Hex 26637D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26637D }
```

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

```
.background{ background-color:#26637D }
```

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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