

# Converting Colors

Hex(00657D)

Have a look what the booklet for  
Hex(00657D) contains.

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# Color

**Hex(00657D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00657D
RGB	0, 101, 125
RGB Percent	0%, 40%, 49%
CMY	1.0000, 0.6039, 0.5098
CMYK	1.00, 0.19, 0.00, 0.51
HSL	192°, 100%, 25%
HSV	192°, 100%, 49%
XYZ	8.3554, 10.7880, 21.0440
YIQ	73.5370, -67.9000, -13.9480

# Conversions

## Conversions Part 2

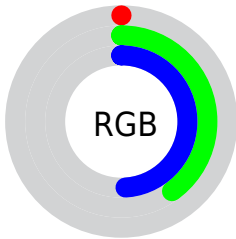
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 56, 125
Decimal	25981
CIELab	39.22, -15.70, -20.43
CIElCh	39, 25.763, 232.448
Yxy	10.7880, 0.2079, 0.2684
Android (android.graphics.Color)	4278216061 (0xFF00657D)
YUV	73.5370, 25.3713, -64.4919
Hunter-Lab	32.8451, -12.0710, -14.9957

# Details

The Hex color **00657D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D1800**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4D98B2**, and **00364C** is the 20% darker color. If you saturate the color by 10%, you get **00657D**, and if you desaturate by 10%, it is **0C677D**.

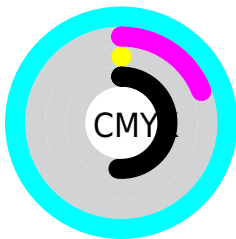
# Distribution



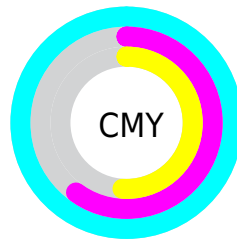
- Red (0%)
- Green (40%)
- Blue (49%)



- Red (0%)
- Yellow (22%)
- Blue (49%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (60%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00657D 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 00657D by changing the saturation by 10% instead.



00657D

00657D

FFFFFF

004D64

4D98B2

00364C

6AB3CD

002135

86CEE9

000220

A2EBFF

000004

BFFFFFF

000000

DCFFFF

FAFFFF

00657D

■ 0C677D

■ 196A7D

■ 266C7D

■ 326F7D

■ 3F717D

■ 4B737D

■ 57767D

■ 64787D

■ 717B7D

# Harmonies

## Analogous

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



00676C



00657D



336086

# Triad

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



00657D



814C63



5A6035

# Complementary

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



00657D



7D1800

# 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.



6F5933



00657D



854D4D

# Square

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



00657D



725176



7E523C



426542

# Rectangle

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



00657D



4C5B85



7E523C



615E33



# Sweetspot

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



00657D



729AA3



007D17



344C52



D1D1D1



525252



# Same Dimension

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



00657D



0084A3



00287D



393F40



006780



000000



# Inverse Universe

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



7D0065



A30084



7D5500



40393F



800067



000000



# Previews

## White Background



This preview shows how the Hex color 00657D looks on a white background.

## Color Contrast Check

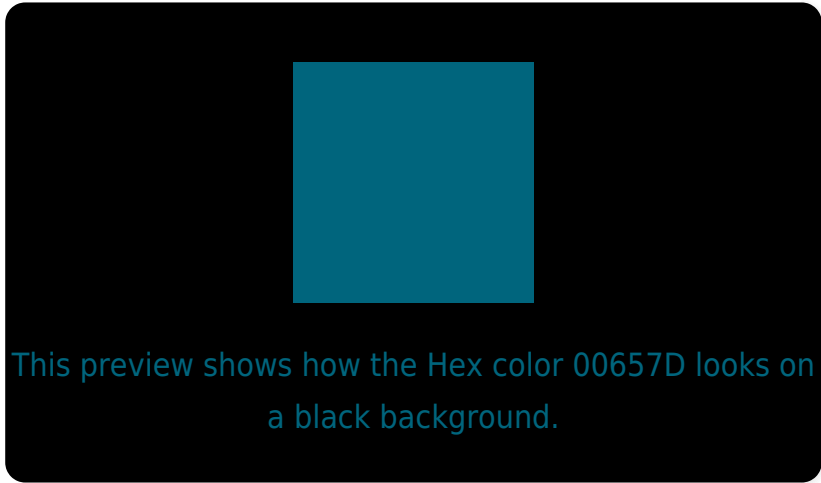
Large Text (above 18pt) WCAG AA ✓ Pass

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

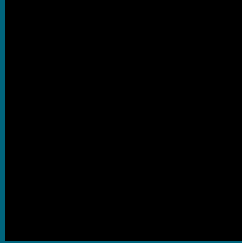
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

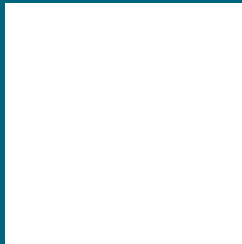
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00657D Background



This preview shows how black text looks on a background with the Hex color 00657D.



This preview shows how white text looks on a background with the Hex color 00657D.

# 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**  
00676F

# Trichromacy



**Original Color**  
00657D

**Protanomaly**  
375F79

**Deuteranomaly**  
345F7E

**Tritanomaly**  
006674

# Monochromacy



**Original Color**  
00657D

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
2F545D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00657D 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 #00657D looks like.

```
.text, #text, p{  
    color:#00657D  
}
```

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 #00657D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00657D
}
```

## Border

The CSS property to change the border of an element to Hex 00657D 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
#00657D }
```

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

```
.border{ border-color:#00657D }
```

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

Here you see how a box with a 4 pixel #00657D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00657D; -webkit-box-shadow:4px 4px  
4px 4px #00657D; box-shadow:4px 4px 4px  
4px #00657D }
```

# Background

The CSS property to change the background color of an element to Hex 00657D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00657D }
```

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

```
.background{ background-color:#00657D }
```

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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