

Converting Colors

Hex(00627E)

Have a look what the booklet for
Hex(00627E) contains.

Hex(00627E)	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(00627E)

Conversions

Conversions Part 1

Format	Color
Hex	00627E
RGB	0, 98, 126
RGB Percent	0%, 38%, 49%
CMY	1.0000, 0.6157, 0.5059
CMYK	1.00, 0.22, 0.00, 0.51
HSL	193°, 100%, 25%
HSV	193°, 100%, 49%
XYZ	8.1336, 10.2417, 21.2868
YIQ	71.8900, -67.3960, -12.0680

Conversions

Conversions Part 2

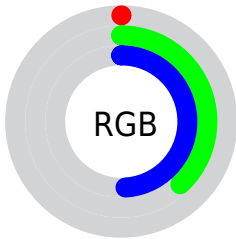
Format	Color
RYB	0, 55, 126
Decimal	25214
CIELab	38.27, -13.60, -22.50
CIELCh	38, 26.293, 238.855
Yxy	10.2417, 0.2051, 0.2582
Android (android.graphics.Color)	4278215294 (0xFF00627E)
YUV	71.8900, 26.6762, -63.0475
Hunter-Lab	32.0027, -10.6384, -17.0353

Details

The Hex color **00627E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7E1C00**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4D95B3**, and **00334D** is the 20% darker color. If you saturate the color by 10%, you get **00627E**, and if you desaturate by 10%, it is **0D657E**.

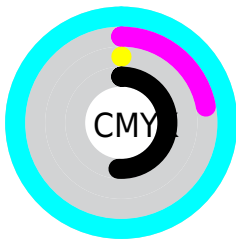
Distribution



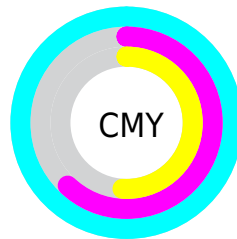
- Red (0%)
- Green (38%)
- Blue (49%)



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



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00627E 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 00627E by changing the saturation by 10% instead.

00627E

00627E

FFFFFF

004A65

4D95B3

00334D

6AAFCE

001F36

86CBEB

000221

A2E7FF

000006

BFFFFFF

000000

DCFFFF

FAFFFF

00627E

■ 0D657E

■ 19687E

■ 266A7E

■ 326D7E

■ 3F707E

■ 4C737E

■ 58767E

■ 65787E

■ 717B7E

Harmonies

Analogous

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



00656E



00627E



385C84

Triad

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



00627E



81495C



535F34

Complementary

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



00627E



7E1C00

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.



68592F



00627E



824B47

Square

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



00627E



744D70



795136



396343

Rectangle

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



00627E



505882



795136



5A5D31

Sweetspot

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



00627E



7298A3



007E1B



344B52



D1D1D1



525252

Same Dimension

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



00627E



007FA3



00247E



393E40



006380



000000

Inverse Universe

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



7E0062



A3007F



7E5A00



40393E



800063



000000

Previews

White Background



This preview shows how the Hex color 00627E looks on a white background.

Color Contrast Check

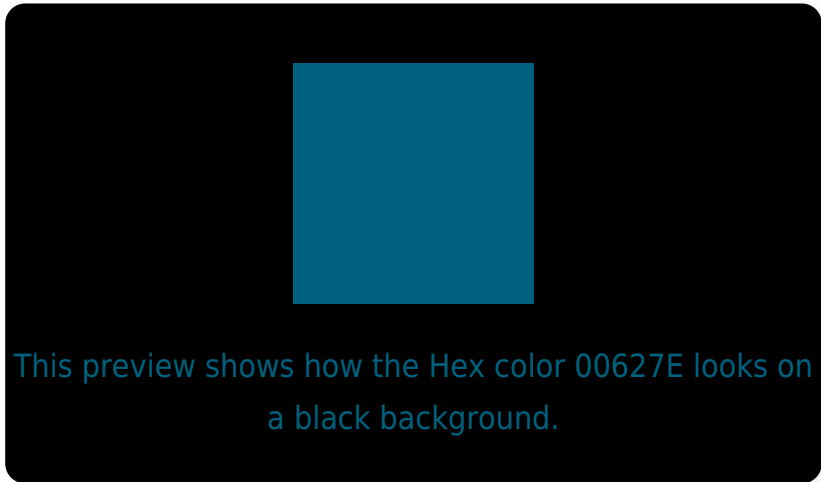
Large Text (above 18pt) WCAG AA ✓ Pass

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

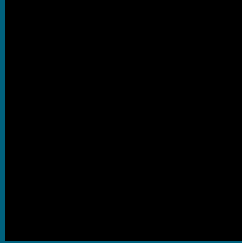
Any Text WCAG AA × Fail

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 00627E Background



This preview shows how black text looks on a background with the Hex color 00627E.



This preview shows how white text looks on a background with the Hex color 00627E.

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
00646C

Trichromacy



Original Color
00627E

Protanomaly
345C7A

Deuteranomaly
305C7F

Tritanomaly
006373

Monochromacy



Original Color
00627E

Achromatopsia
484848

Achromatomaly
2E515C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00627E 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 #00627E looks like.

```
.text, #text, p{  
    color:#00627E  
}
```

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 #00627E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00627E
}
```

Border

The CSS property to change the border of an element to Hex 00627E 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
#00627E }
```

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

```
.border{ border-color:#00627E }
```

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

Here you see how a box with a 4 pixel #00627E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00627E; -webkit-box-shadow:4px 4px  
4px 4px #00627E; box-shadow:4px 4px 4px  
4px #00627E }
```

Background

The CSS property to change the background color of an element to Hex 00627E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00627E }
```

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

```
.background{ background-color:#00627E }
```

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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