

Converting Colors

Hex(00507E)

Have a look what the booklet for
Hex(00507E) contains.

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Color

Hex(00507E)

Conversions

Conversions Part 1

Format	Color
Hex	00507E
RGB	0, 80, 126
RGB Percent	0%, 31%, 49%
CMY	1.0000, 0.6863, 0.5059
CMYK	1.00, 0.37, 0.00, 0.51
HSL	202°, 100%, 25%
HSV	202°, 100%, 49%
XYZ	6.6346, 7.2437, 20.7872
YIQ	61.3240, -62.4460, -2.6540

Conversions

Conversions Part 2

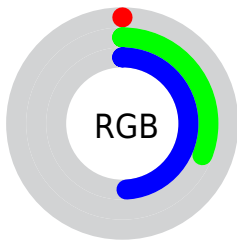
Format	Color
RYB	0, 49, 126
Decimal	20606
CIELab	32.36, -2.56, -31.79
CIELCh	32, 31.893, 265.401
Yxy	7.2437, 0.1914, 0.2090
Android (android.graphics.Color)	4278210686 (0xFF00507E)
YUV	61.3240, 31.8853, -53.7811
Hunter-Lab	26.9141, -3.0978, -26.9529

Details

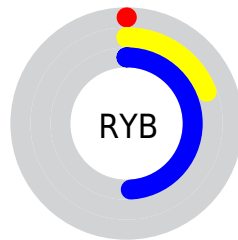
The Hex color **00507E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7E2E00**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **4C81B3**, and **00244D** is the 20% darker color. If you saturate the color by 10%, you get **00507E**, and if you desaturate by 10%, it is **0D557E**.

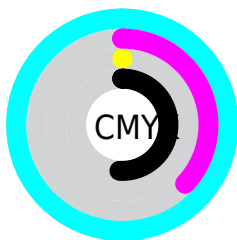
Distribution



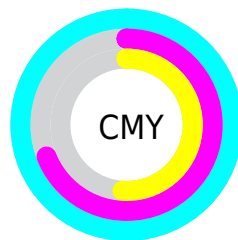
- Red (0%)
- Green (31%)
- Blue (49%)



- Red (0%)
- Yellow (19%)
- Blue (49%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (69%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00507E 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 00507E by changing the saturation by 10% instead.

■ 00507E

■ 00507E

FFFFFF

■ 003965

■ 4C81B3

■ 00244D

■ 689BCF

■ 000E36

■ 84B6EB

■ 000220

■ A0D1FF

■ 000003

■ BDEDFE

■ 000000

■ DAFFFF

■ F7FFFF

■ 00507E

■ 0D557E

■ 19597E

■ 265E7E

■ 32627E

■ 3F677E

■ 4C6C7E

■ 58707E

■ 65757E

■ 71797E

Harmonies

Analogous

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



005675



00507E



47477A

Triad

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



00507E



7A3838



25562E

Complementary

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



00507E



7E2E00

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.



45511C



00507E



704023

Square

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



00507E



783651



5E4918



005847

Rectangle

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



00507E



5E4070



5E4918



315527

Sweetspot

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



00507E



7291A3



007E2C



344752



D1D1D1



525252

Same Dimension

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



00507E



0068A3



00137E



393D40



005180



000000

Inverse Universe

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



7E0050



A30068



7E6B00



40393D



800051



000000

Previews

White Background



This preview shows how the Hex color 00507E looks on a white background.

Color Contrast Check

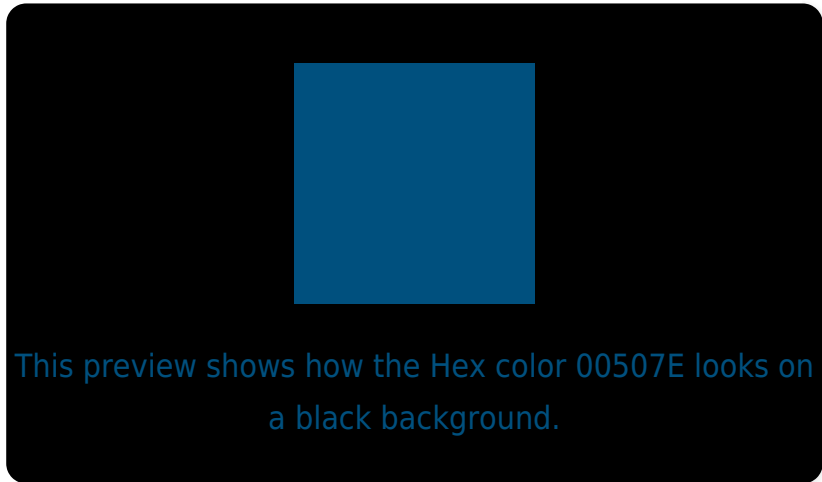
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

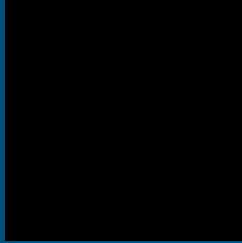
Any Text WCAG AA × Fail

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 00507E Background



This preview shows how black text looks on a background with the Hex color 00507E.



This preview shows how white text looks on a background with the Hex color 00507E.

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
00555B

Trichromacy



Original Color
00507E

Protanomaly
264D7B

Deuteranomaly
1B4E7F

Tritanomaly
005368

Monochromacy



Original Color
00507E

Achromatopsia
3D3D3D

Achromatomaly
274455

CSS Examples

Text

The CSS property to change the color of the text to Hex 00507E 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 #00507E looks like.

```
.text, #text, p{  
    color:#00507E  
}
```

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 #00507E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00507E
}
```

Border

The CSS property to change the border of an element to Hex 00507E is called "border". The border property can be set on classes, ids or directly on the HTML element.

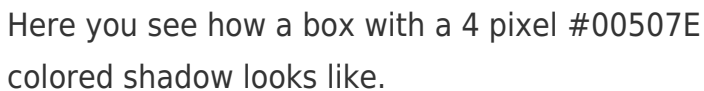
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00507E }
```

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

```
.border{ border-color:#00507E }
```

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



Here you see how a box with a 4 pixel #00507E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00507E; -webkit-box-shadow:4px 4px  
4px 4px #00507E; box-shadow:4px 4px 4px  
4px #00507E }
```

Background

The CSS property to change the background color of an element to Hex 00507E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00507E }
```

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

```
.background{ background-color:#00507E }
```

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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