

Converting Colors

Hex(006A7D)

Have a look what the booklet for
Hex(006A7D) contains.

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Color

Hex(006A7D)

Conversions

Conversions Part 1

Format	Color
Hex	006A7D
RGB	0, 106, 125
RGB Percent	0%, 42%, 49%
CMY	1.0000, 0.5843, 0.5098
CMYK	1.00, 0.15, 0.00, 0.51
HSL	189°, 100%, 25%
HSV	189°, 100%, 49%
XYZ	8.8557, 11.7887, 21.2107
YIQ	76.4720, -69.2750, -16.5630

Conversions

Conversions Part 2

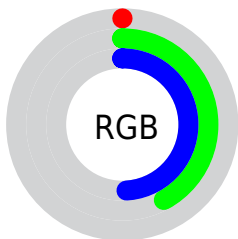
Format	Color
RYB	0, 57, 125
Decimal	27261
CIELab	40.88, -18.49, -17.87
CIELCh	41, 25.718, 224.022
Yxy	11.7887, 0.2116, 0.2817
Android (android.graphics.Color)	4278217341 (0xFF006A7D)
YUV	76.4720, 23.9243, -67.0659
Hunter-Lab	34.3347, -14.0466, -12.5929

Details

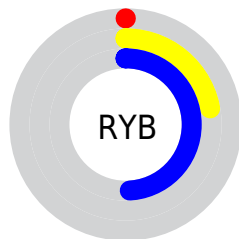
The Hex color **006A7D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7D1300**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4E9EB2**, and **003A4C** is the 20% darker color. If you saturate the color by 10%, you get **006A7D**, and if you desaturate by 10%, it is **0C6C7D**.

Distribution



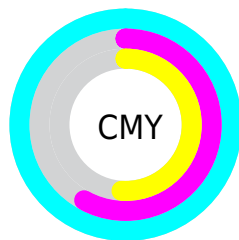
- Red (0%)
- Green (42%)
- Blue (49%)



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



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006A7D 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 006A7D by changing the saturation by 10% instead.

006A7D

006A7D

FFFFFF

005264

4E9EB2

003A4C

6BB9CD

002535

87D4E9

000820

A3F1FF

000005

C0FFFF

000000

DDFFFF

FBFFFF

006A7D

■ 0C6C7D

■ 196E7D

■ 26707D

■ 32727D

■ 3F737D

■ 4B757D

■ 57777D

■ 64797D

■ 717B7D

Harmonies

Analogous

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



0F6C6A



006A7D



2C6688

Triad

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



006A7D



82516D



646237

Complementary

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



006A7D



7D1300

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.



785B38



006A7D



895057

Square

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



006A7D



6F577F



855444



4D6841

Rectangle

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



006A7D



46628A



855444



6B6036

Sweetspot

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



006A7D



729CA3



007D13



344D52



D1D1D1



525252

Same Dimension

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



006A7D



008AA3



002C7D



393F40



006C80



000000

Inverse Universe

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



7D006A



A3008A



7D5100



40393F



80006C



000000

Previews

White Background



This preview shows how the Hex color 006A7D looks on a white background.

Color Contrast Check

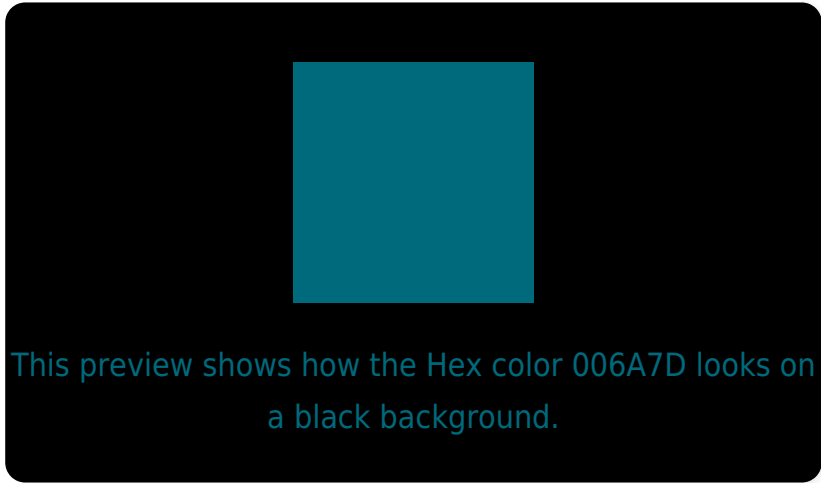
Large Text (above 18pt) WCAG AA ✓ Pass

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

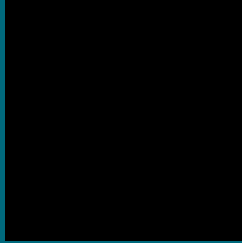
Any Text WCAG AA × Fail

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 006A7D Background



This preview shows how black text looks on a background with the Hex color 006A7D.

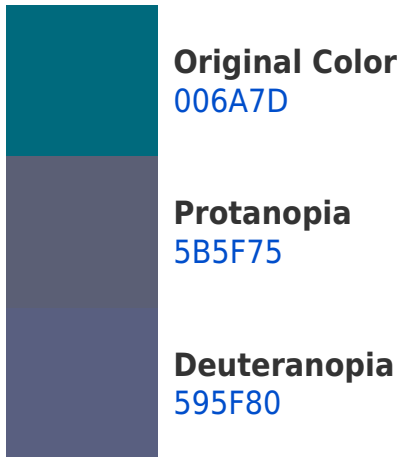


This preview shows how white text looks on a background with the Hex color 006A7D.

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](#).

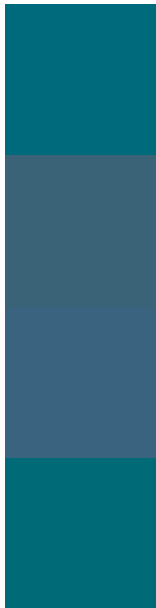
Dichromacy





Tritanopia
006B74

Trichromacy



Original Color
006A7D

Protanomaly
3A6378

Deuteranomaly
39637F

Tritanomaly
006B77

Monochromacy



Original Color
006A7D

Achromatopsia
4C4C4C

Achromatomaly
30575E

CSS Examples

Text

The CSS property to change the color of the text to Hex 006A7D 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 #006A7D looks like.

```
.text, #text, p{  
    color:#006A7D  
}
```

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 #006A7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006A7D
}
```

Border

The CSS property to change the border of an element to Hex 006A7D 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
#006A7D }
```

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

```
.border{ border-color:#006A7D }
```

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

Here you see how a box with a 4 pixel #006A7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006A7D; -webkit-box-shadow:4px 4px  
4px 4px #006A7D; box-shadow:4px 4px 4px  
4px #006A7D }
```

Background

The CSS property to change the background color of an element to Hex 006A7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006A7D }
```

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

```
.background{ background-color:#006A7D }
```

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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