

Converting Colors

Hex(006B7A)

Have a look what the booklet for
Hex(006B7A) contains.

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Color

Hex(006B7A)

Conversions

Conversions Part 1

Format	Color
Hex	006B7A
RGB	0, 107, 122
RGB Percent	0%, 42%, 48%
CMY	1.0000, 0.5804, 0.5216
CMYK	1.00, 0.12, 0.00, 0.52
HSL	187°, 100%, 24%
HSV	187°, 100%, 48%
XYZ	8.7705, 11.9205, 20.2510
YIQ	76.7170, -68.5870, -18.0190

Conversions

Conversions Part 2

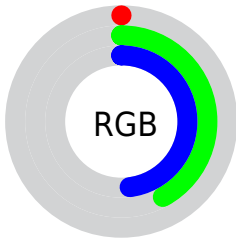
Format	Color
RYB	0, 57, 122
Decimal	27514
CIELab	41.09, -20.13, -15.73
CIELCh	41, 25.551, 218.007
Yxy	11.9205, 0.2142, 0.2912
Android (android.graphics.Color)	4278217594 (0xFF006B7A)
YUV	76.7170, 22.3245, -67.2808
Hunter-Lab	34.5261, -15.0770, -10.6077

Details

The Hex color **006B7A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7A0F00**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **4E9FAE**, and **003B49** is the 20% darker color. If you saturate the color by 10%, you get **006B7A**, and if you desaturate by 10%, it is **0C6D7A**.

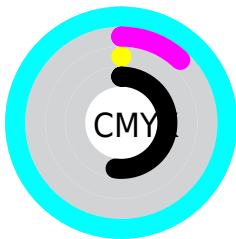
Distribution



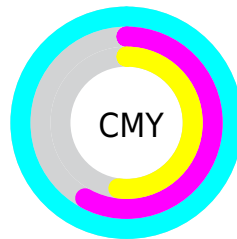
- Red (0%)
- Green (42%)
- Blue (48%)



- Red (0%)
- Yellow (22%)
- Blue (48%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (58%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006B7A 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 006B7A by changing the saturation by 10% instead.

006B7A

006B7A

FFFFFF

005361

4E9FAE

003B49

6ABACA

002533

86D5E6

00091E

A3F2FF

000001

BFFFFF

000000

DDFFFF

FAFFFF

006B7A

■ 0C6D7A

■ 186E7A

■ 25707A

■ 31717A

■ 3D737A

■ 49747A

■ 55767A

■ 62777A

■ 6E797A

Harmonies

Analogous

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



196C66



006B7A



266787

Triad

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



006B7A



805371



696137

Complementary

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



006B7A



7A0F00

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.



7C5A3A



006B7A



89505C

Square

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



006B7A



6B5982



875448



52673F

Rectangle

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



006B7A



40638A



875448



705F37

Sweetspot

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



006B7A



6F989E



007A0E



334C4F



CFCFCF



4F4F4F

Same Dimension

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



006B7A



008B9E



002F7A



373C3D



006E7D



00DDFC

Inverse Universe

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



7A006B



9E008B



7A4B00



3D373C



7D006E



FC00DD

Previews

White Background



This preview shows how the Hex color 006B7A looks on a white background.

Color Contrast Check

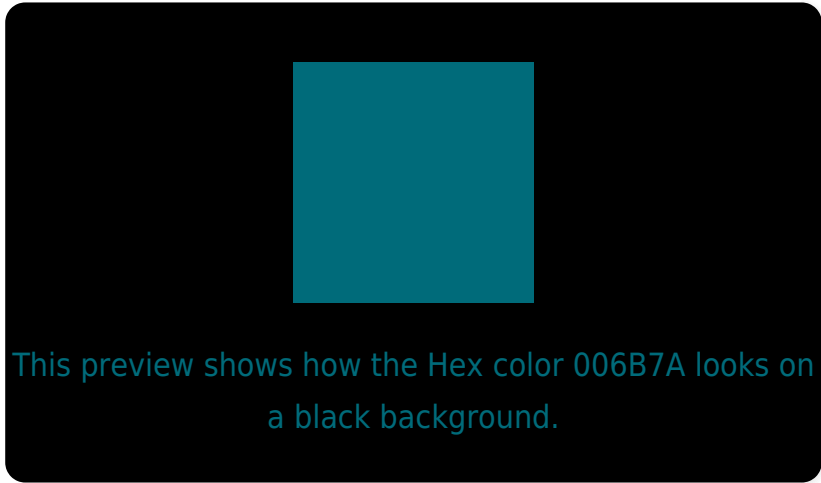
Large Text (above 18pt) WCAG AA ✓ Pass

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

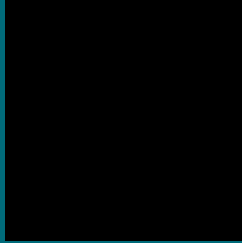
Any Text WCAG AA × Fail

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 006B7A Background



This preview shows how black text looks on a background with the Hex color 006B7A.



This preview shows how white text looks on a background with the Hex color 006B7A.

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](#).

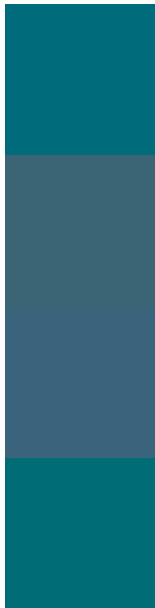
Dichromacy





Tritanopia
006C74

Trichromacy



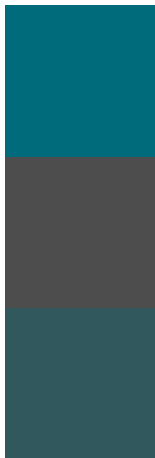
Original Color
006B7A

Protanomaly
3B6475

Deuteranomaly
3A637C

Tritanomaly
006C76

Monochromacy



Original Color
006B7A

Achromatopsia
4D4D4D

Achromatomaly
31585D

CSS Examples

Text

The CSS property to change the color of the text to Hex 006B7A 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 #006B7A looks like.

```
.text, #text, p{  
    color:#006B7A  
}
```

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 #006B7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006B7A
}
```

Border

The CSS property to change the border of an element to Hex 006B7A 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
#006B7A }
```

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

```
.border{ border-color:#006B7A }
```

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

Here you see how a box with a 4 pixel #006B7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006B7A; -webkit-box-shadow:4px 4px  
4px 4px #006B7A; box-shadow:4px 4px 4px  
4px #006B7A }
```

Background

The CSS property to change the background color of an element to Hex 006B7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006B7A }
```

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

```
.background{ background-color:#006B7A }
```

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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