

Converting Colors

Hex(006B8C)

Have a look what the booklet for
Hex(006B8C) contains.

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Color

Hex(006B8C)

Conversions

Conversions Part 1

Format	Color
Hex	006B8C
RGB	0, 107, 140
RGB Percent	0%, 42%, 55%
CMY	1.0000, 0.5804, 0.4510
CMYK	1.00, 0.24, 0.00, 0.45
HSL	194°, 100%, 27%
HSV	194°, 100%, 55%
XYZ	9.9913, 12.4088, 26.6795
YIQ	78.7690, -74.3650, -12.4210

Conversions

Conversions Part 2

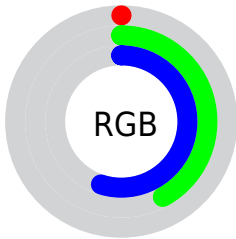
Format	Color
RYB	0, 61, 140
Decimal	27532
CIELab	41.86, -13.42, -25.40
CIELCh	42, 28.721, 242.152
Yxy	12.4088, 0.2036, 0.2528
Android (android.graphics.Color)	4278217612 (0xFF006B8C)
YUV	78.7690, 30.1869, -69.0804
Hunter-Lab	35.2262, -11.0173, -20.2465

Details

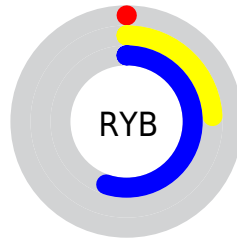
The Hex color **006B8C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8C2100**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **519EC2**, and **003C5A** is the 20% darker color. If you saturate the color by 10%, you get **006B8C**, and if you desaturate by 10%, it is **0E6E8C**.

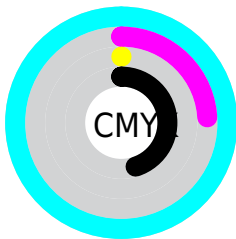
Distribution



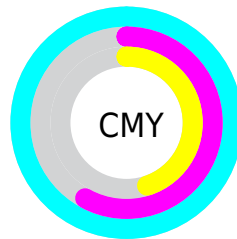
- Red (0%)
- Green (42%)
- Blue (55%)



- Red (0%)
- Yellow (24%)
- Blue (55%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006B8C 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 006B8C by changing the saturation by 10% instead.

 006B8C

 006B8C

FFFFFF

 005372

 519EC2

 003C5A

 6FB9DE

 002642

 8BD5FA

 000F2C

 A8F1FF

 000117

 C5FFFF

 000000

 E2FFFF

 006B8C

 0E6E8C

■ 1C728C

■ 2A758C

■ 38788C

■ 467C8C

■ 547F8C

■ 62828C

■ 70858C

■ 7E898C

Harmonies

Analogous

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



006E7B



006B8C



416592

Triad

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



006B8C



8F5062



57693A

Complementary

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



006B8C



8C2100

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.



706233



006B8C



8F524B

Square

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



006B8C



825479



835A39



3A6D4C

Rectangle

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



006B8C



5C5F8E



835A39



606736

Sweetspot

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



006B8C



7FA8B5



008C21



3B545C



DBDBDB



5C5C5C

Same Dimension

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



006B8C



008AB5



00258C



3E4345



006585



000405

Inverse Universe

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



8C006B



B5008A



8C6700



453E43



850065



050004

Previews

White Background



This preview shows how the Hex color 006B8C looks on a white background.

Color Contrast Check

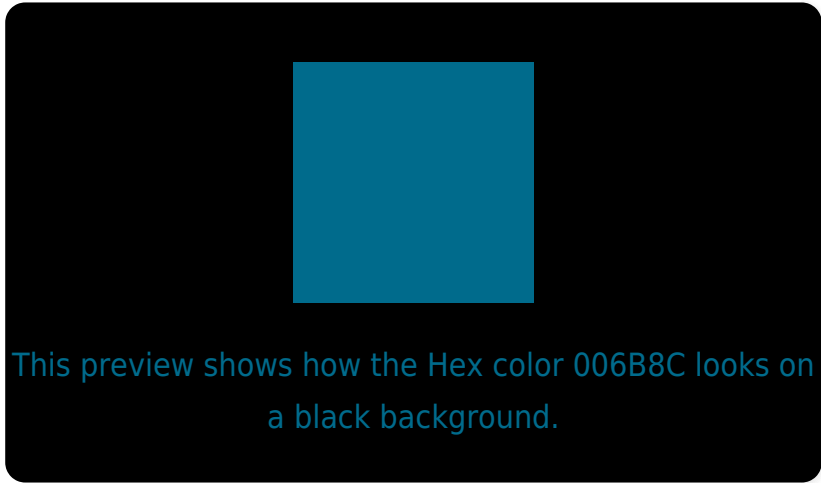
Large Text (above 18pt) WCAG AA ✓ Pass

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

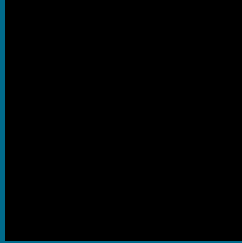
Any Text WCAG AA × Fail

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 006B8C Background



This preview shows how black text looks on a background with the Hex color 006B8C.

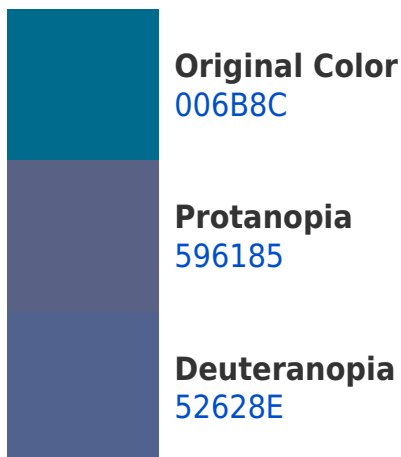


This preview shows how white text looks on a background with the Hex color 006B8C.

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
006E76

Trichromacy



Original Color
006B8C

Protanomaly
396588

Deuteranomaly
34658D

Tritanomaly
006D7E

Monochromacy



Original Color
006B8C

Achromatopsia
4F4F4F

Achromatomaly
325965

CSS Examples

Text

The CSS property to change the color of the text to Hex 006B8C 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 #006B8C looks like.

```
.text, #text, p{  
    color:#006B8C  
}
```

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 #006B8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006B8C
}
```

Border

The CSS property to change the border of an element to Hex 006B8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

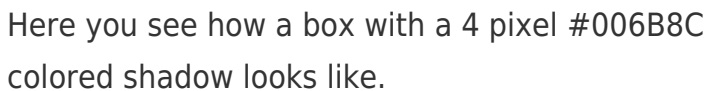
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#006B8C }
```

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

```
.border{ border-color:#006B8C }
```

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



Here you see how a box with a 4 pixel #006B8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006B8C; -webkit-box-shadow:4px 4px  
4px 4px #006B8C; box-shadow:4px 4px 4px  
4px #006B8C }
```

Background

The CSS property to change the background color of an element to Hex 006B8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006B8C }
```

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

```
.background{ background-color:#006B8C }
```

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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