

Converting Colors

Hex(006A80)

Have a look what the booklet for
Hex(006A80) contains.

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Color

Hex(006A80)

Conversions

Conversions Part 1

Format	Color
Hex	006A80
RGB	0, 106, 128
RGB Percent	0%, 42%, 50%
CMY	1.0000, 0.5843, 0.4980
CMYK	1.00, 0.17, 0.00, 0.50
HSL	190°, 100%, 25%
HSV	190°, 100%, 50%
XYZ	9.0503, 11.8666, 22.2356
YIQ	76.8140, -70.2380, -15.6300

Conversions

Conversions Part 2

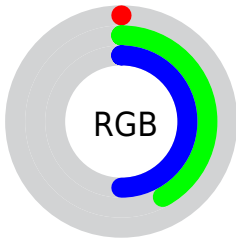
Format	Color
RYB	0, 58, 128
Decimal	27264
CIELab	41.00, -17.38, -19.50
CIELCh	41, 26.120, 228.278
Yxy	11.8666, 0.2097, 0.2750
Android (android.graphics.Color)	4278217344 (0xFF006A80)
YUV	76.8140, 25.2347, -67.3659
Hunter-Lab	34.4479, -13.3875, -14.1572

Details

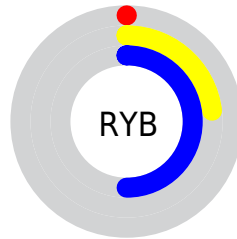
The Hex color **006A80** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **801600**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **4F9DB5**, and **003A4F** is the 20% darker color. If you saturate the color by 10%, you get **006A80**, and if you desaturate by 10%, it is **0D6C80**.

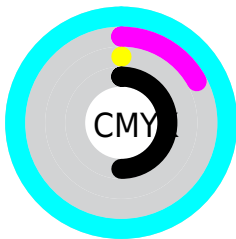
Distribution



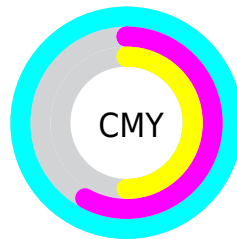
- Red (0%)
- Green (42%)
- Blue (50%)



- Red (0%)
- Yellow (23%)
- Blue (50%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (58%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006A80 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 006A80 by changing the saturation by 10% instead.

006A80

006A80

FFFFFF

005267

4F9DB5

003A4F

6BB8D0

002538

88D4ED

000923

A4F1FF

00000A

C1FFFF

000000

DEFFFF

FCFFFF

006A80

■ 0D6C80

■ 1A6E80

■ 267180

■ 337380

■ 407580

■ 4D7780

■ 5A7980

■ 667C80

■ 737E80

Harmonies

Analogous

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



046C6D



006A80



31658A

Triad

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



006A80



85516A



616437

Complementary

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



006A80



801600

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.



765D37



006A80



8A5054

Square

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



006A80



73567D



855542



496943

Rectangle

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



006A80



4B618B



855542



696136

Sweetspot

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



006A80



749DA6



008015



364F54



D4D4D4



545454

Same Dimension

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



006A80



0089A6



002B80



393F40



000000

Inverse Universe

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



80006A



A60089



805500



40393F



000000

Previews

White Background



This preview shows how the Hex color 006A80 looks on a white background.

Color Contrast Check

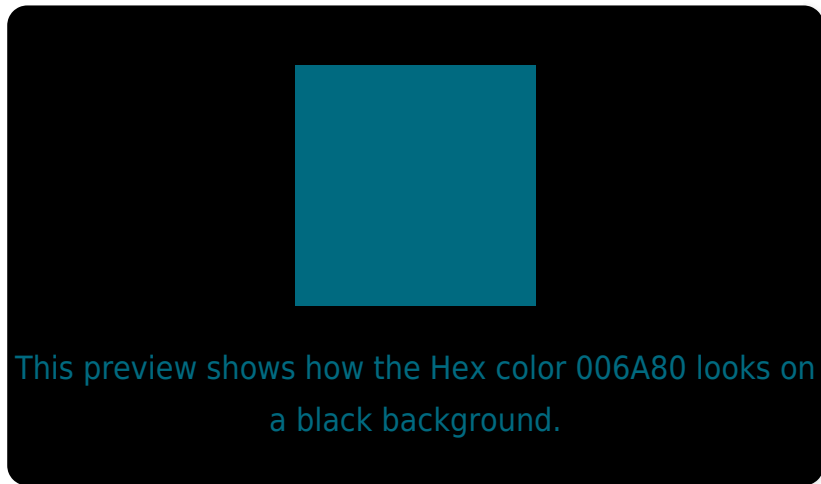
Large Text (above 18pt) WCAG AA ✓ Pass

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

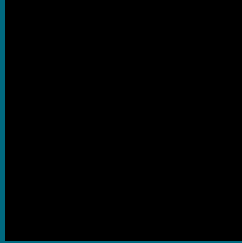
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

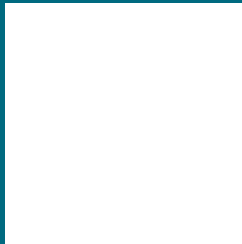
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 006A80 Background



This preview shows how black text looks on a background with the Hex color 006A80.

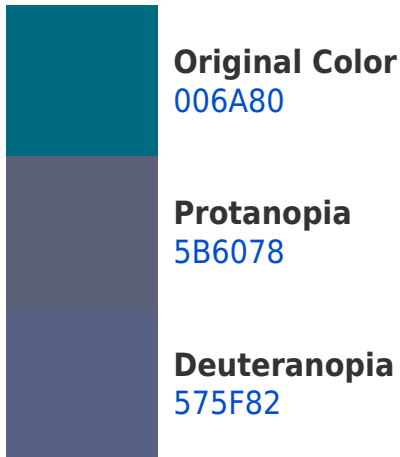


This preview shows how white text looks on a background with the Hex color 006A80.

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](#).

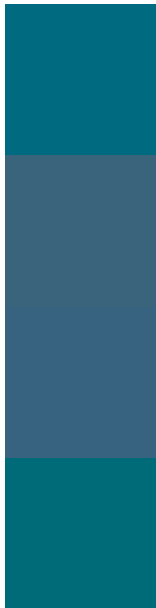
Dichromacy





Tritanopia
006B74

Trichromacy



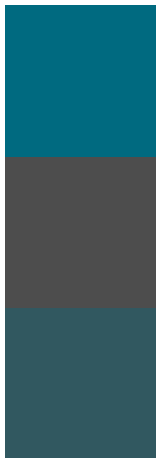
Original Color
006A80

Protanomaly
3A647B

Deuteranomaly
376381

Tritanomaly
006B78

Monochromacy



Original Color
006A80

Achromatopsia
4D4D4D

Achromatomaly
315860

CSS Examples

Text

The CSS property to change the color of the text to Hex 006A80 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 #006A80 looks like.

```
.text, #text, p{  
    color:#006A80  
}
```

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 #006A80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006A80
}
```

Border

The CSS property to change the border of an element to Hex 006A80 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
#006A80 }
```

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

```
.border{ border-color:#006A80 }
```

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

Here you see how a box with a 4 pixel #006A80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006A80; -webkit-box-shadow:4px 4px  
4px 4px #006A80; box-shadow:4px 4px 4px  
4px #006A80 }
```

Background

The CSS property to change the background color of an element to Hex 006A80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006A80 }
```

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

```
.background{ background-color:#006A80 }
```

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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