

Converting Colors

Hex(0B6080)

Have a look what the booklet for
Hex(0B6080) contains.

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Color

Hex(0B6080)

Conversions

Conversions Part 1

Format	Color
Hex	0B6080
RGB	11, 96, 128
RGB Percent	4%, 38%, 50%
CMY	0.9569, 0.6235, 0.4980
CMYK	0.91, 0.25, 0.00, 0.50
HSL	196°, 84%, 27%
HSV	196°, 91%, 50%
XYZ	8.2172, 9.9954, 21.9183
YIQ	74.2330, -60.9320, -8.0680

Conversions

Conversions Part 2

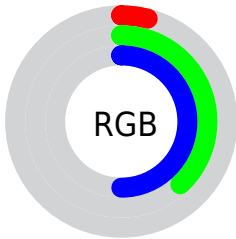
Format	Color
RYB	11, 60, 128
Decimal	745600
CIELab	37.83, -10.96, -24.40
CIELCh	38, 26.744, 245.815
Yxy	9.9954, 0.2048, 0.2491
Android (android.graphics.Color)	4278935680 (0xFF0B6080)
YUV	74.2330, 26.5071, -55.4553
Hunter-Lab	31.6155, -8.9333, -18.9735

Details

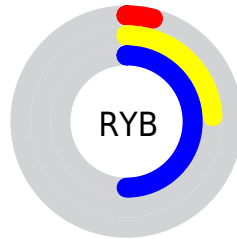
The Hex color **0B6080** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **802B0B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5193B5**, and **00324F** is the 20% darker color. If you saturate the color by 10%, you get **005D80**, and if you desaturate by 10%, it is **186480**.

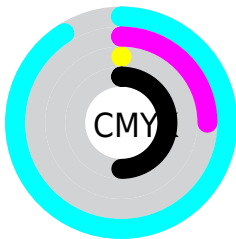
Distribution



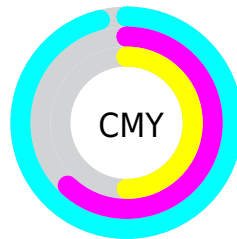
- Red (4%)
- Green (38%)
- Blue (50%)



- Red (4%)
- Yellow (24%)
- Blue (50%)



- Cyan (91%)
- Magenta (25%)
- Yellow (0%)
- Black (50%)



- Cyan (96%)
- Magenta (62%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B6080 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 0B6080 by changing the saturation by 10% instead.

0B6080

0B6080

FFFFFF

004867

5193B5

00324F

6DADD1

001D38

89C8ED

000222

A5E5FF

000008

C2FFFF

000000

DFFFFFF

FDFFFF

0B6080

0B6080

■ 005D80

■ 186480

■ 256780

■ 316B80

■ 3E6E80

■ 4B7280

■ 587580

■ 657980

■ 717C80

■ 7E8080

Harmonies

Analogous

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



006472



0B6080



3F5A84

Triad

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



0B6080



824856



4C5F35

Complementary

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



0B6080



802B0B

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.



63592D



0B6080



804B41

Square

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



0B6080



774B6B



755232



306347

Rectangle

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



0B6080



575580



755232



545D31

Sweetspot

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



0B6080



799AA6



0B802A



394D54



D4D4D4



545454

Same Dimension

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



0B6080



0078A6



0B2680



393E40



005D80



000000

Inverse Universe

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



800B60



A60078



80650B



40393E



80005D



000000

Previews

White Background



This preview shows how the Hex color 0B6080 looks on a white background.

Color Contrast Check

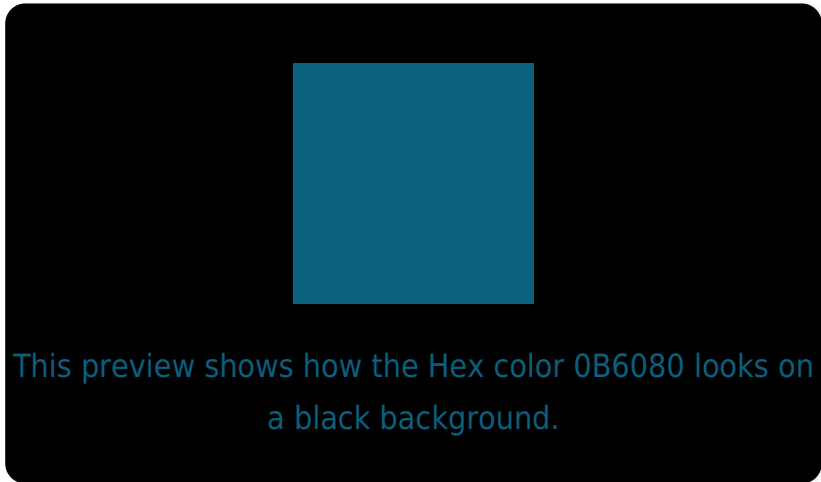
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

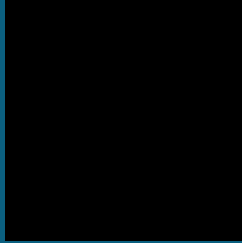
Any Text WCAG AA × Fail

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 0B6080 Background



This preview shows how black text looks on a background with the Hex color 0B6080.

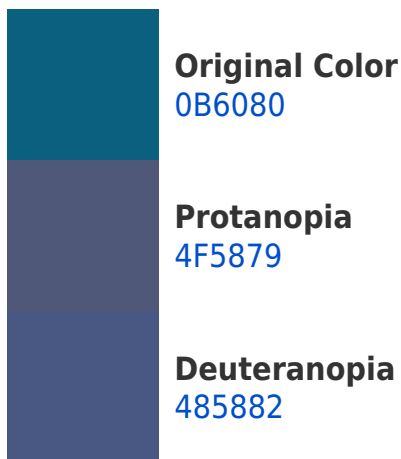


This preview shows how white text looks on a background with the Hex color 0B6080.

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
00636A

Trichromacy



Original Color
0B6080

Protanomaly
365B7C

Deuteranomaly
325B81

Tritanomaly
046272

Monochromacy



Original Color
0B6080

Achromatopsia
4A4A4A

Achromatomaly
33525E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B6080 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 #0B6080 looks like.

```
.text, #text, p{  
    color:#0B6080  
}
```

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 #0B6080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B6080
}
```

Border

The CSS property to change the border of an element to Hex 0B6080 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
#0B6080 }
```

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

```
.border{ border-color:#0B6080 }
```

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

Here you see how a box with a 4 pixel #0B6080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B6080; -webkit-box-shadow:4px 4px  
4px 4px #0B6080; box-shadow:4px 4px 4px  
4px #0B6080 }
```

Background

The CSS property to change the background color of an element to Hex 0B6080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B6080 }
```

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

```
.background{ background-color:#0B6080 }
```

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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