

Converting Colors

Hex(0A6D88)

Have a look what the booklet for
Hex(0A6D88) contains.

Hex(0A6D88)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0A6D88)

Conversions

Conversions Part 1

Format	Color
Hex	0A6D88
RGB	10, 109, 136
RGB Percent	4%, 43%, 53%
CMY	0.9608, 0.5725, 0.4667
CMYK	0.93, 0.20, 0.00, 0.47
HSL	193°, 86%, 29%
HSV	193°, 93%, 53%
XYZ	10.0377, 12.7794, 25.2302
YIQ	82.4770, -67.6710, -12.5910

Conversions

Conversions Part 2

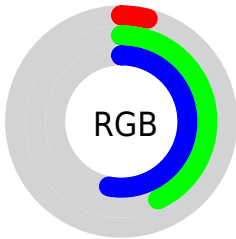
Format	Color
RYB	10, 65, 136
Decimal	683400
CIELab	42.43, -15.51, -22.10
CIELCh	42, 27.002, 234.943
Yxy	12.7794, 0.2089, 0.2660
Android (android.graphics.Color)	4278873480 (0xFF0A6D88)
YUV	82.4770, 26.3868, -63.5623
Hunter-Lab	35.7483, -12.4385, -16.8215

Details

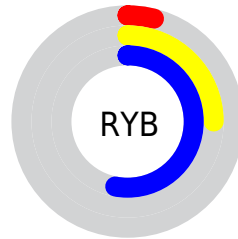
The Hex color **0A6D88** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **88250A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **53A1BD**, and **003D56** is the 20% darker color. If you saturate the color by 10%, you get **006B88**, and if you desaturate by 10%, it is **187088**.

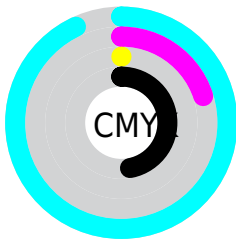
Distribution



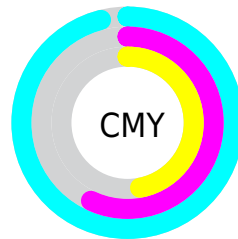
- Red (4%)
- Green (43%)
- Blue (53%)



- Red (4%)
- Yellow (25%)
- Blue (53%)



- Cyan (93%)
- Magenta (20%)
- Yellow (0%)
- Black (47%)



- Cyan (96%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A6D88 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 0A6D88 by changing the saturation by 10% instead.

 0A6D88

 0A6D88


FFFFFF

 00556F

 53A1BD

 003D56

 70BCD9

 00273F

 8DD7F6

 001229

 A9F4FF

 000113

 C6FFFF

 000000

 E4FFFF

 0A6D88

 0A6D88

 006B88

 187088

■ 257388

■ 337688

■ 407988

■ 4E7C88

■ 5C7E88

■ 698188

■ 778488

■ 848788

Harmonies

Analogous

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



007076



0A6D88



3C6890

Triad

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



0A6D88



8C5369



60683B

Complementary

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



0A6D88



88250A

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.



766237



0A6D88



8F5453

Square

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



0A6D88



7D587E



875A40



456D4A

Rectangle

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



0A6D88



56638F



875A40



686638

Sweetspot

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



0A6D88



7FA5B0



0A8823



3B5359



D9D9D9



595959

Same Dimension

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



0A6D88



008AB0



0A3088



3E4345



006885



000405

Inverse Universe

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



880A6D



B0008A



88620A



453E43



850068



050004

Previews

White Background



This preview shows how the Hex color 0A6D88 looks on a white background.

Color Contrast Check

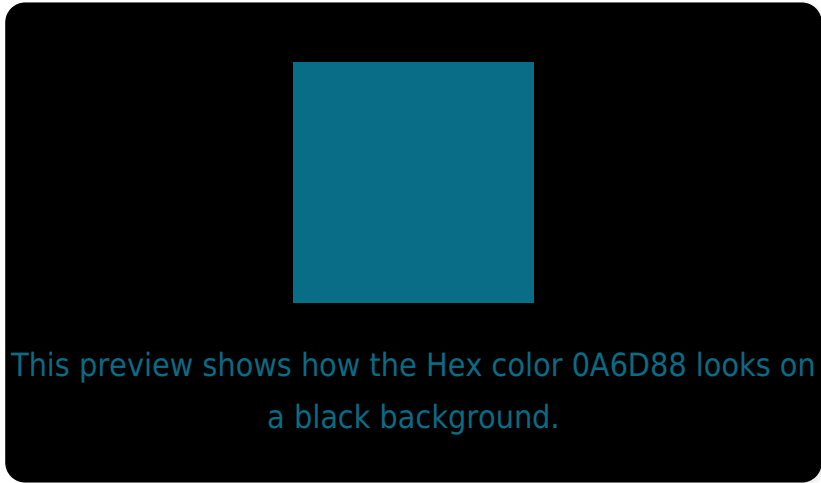
Large Text (above 18pt) WCAG AA ✓ Pass

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

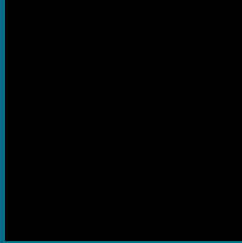
Any Text WCAG AA × Fail

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 0A6D88 Background



This preview shows how black text looks on a background with the Hex color 0A6D88.

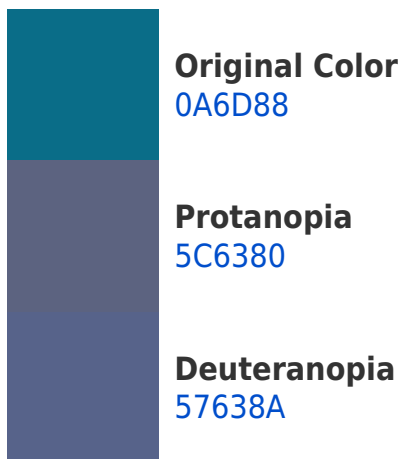


This preview shows how white text looks on a background with the Hex color 0A6D88.

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
006F78

Trichromacy



Original Color
0A6D88

Protanomaly
3E6783

Deuteranomaly
3B6789

Tritanomaly
046E7E

Monochromacy



Original Color
0A6D88

Achromatopsia
525252

Achromatomaly
385C66

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A6D88 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 #0A6D88 looks like.

```
.text, #text, p{  
    color:#0A6D88  
}
```

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 #0A6D88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A6D88
}
```

Border

The CSS property to change the border of an element to Hex 0A6D88 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
#0A6D88 }
```

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

```
.border{ border-color:#0A6D88 }
```

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

Here you see how a box with a 4 pixel #0A6D88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A6D88; -webkit-box-shadow:4px 4px  
4px 4px #0A6D88; box-shadow:4px 4px 4px  
4px #0A6D88 }
```

Background

The CSS property to change the background color of an element to Hex 0A6D88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A6D88 }
```

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

```
.background{ background-color:#0A6D88 }
```

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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