

Converting Colors

Hex(076A88)

Have a look what the booklet for
Hex(076A88) contains.

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Color

Hex(076A88)

Conversions

Conversions Part 1

Format	Color
Hex	076A88
RGB	7, 106, 136
RGB Percent	3%, 42%, 53%
CMY	0.9725, 0.5843, 0.4667
CMYK	0.95, 0.22, 0.00, 0.47
HSL	194°, 90%, 28%
HSV	194°, 95%, 53%
XYZ	9.6856, 12.1308, 25.1235
YIQ	79.8190, -68.6340, -11.6580

Conversions

Conversions Part 2

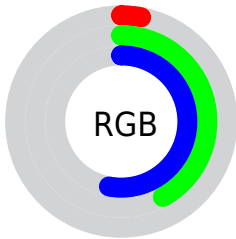
Format	Color
RYB	7, 63, 136
Decimal	486024
CIELab	41.42, -13.97, -23.66
CIELCh	41, 27.481, 239.442
Yxy	12.1308, 0.2063, 0.2584
Android (android.graphics.Color)	4278676104 (0xFF076A88)
YUV	79.8190, 27.6972, -63.8623
Hunter-Lab	34.8293, -11.3127, -18.3873

Details

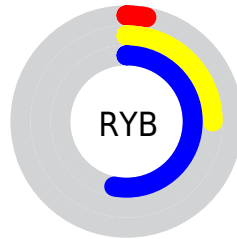
The Hex color **076A88** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **882507**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **529DBD**, and **003B56** is the 20% darker color. If you saturate the color by 10%, you get **006888**, and if you desaturate by 10%, it is **156D88**.

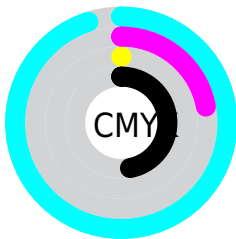
Distribution



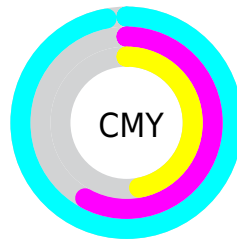
- Red (3%)
- Green (42%)
- Blue (53%)



- Red (3%)
- Yellow (25%)
- Blue (53%)



- Cyan (95%)
- Magenta (22%)
- Yellow (0%)
- Black (47%)



- Cyan (97%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 076A88 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 076A88 by changing the saturation by 10% instead.

076A88

076A88

FFFFFF

00526F

529DBD

003B56

6FB8D9

00253F

8CD4F6

000C29

A8F0FF

000113

C5FFFF

000000

E2FFFF

076A88

076A88

006888

156D88

■ 227088

■ 307388

■ 3D7788

■ 4B7A88

■ 597D88

■ 668088

■ 748388

■ 818688

Harmonies

Analogous

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



006D77



076A88



3E648F

Triad

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



076A88



8B5063



596739

Complementary

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



076A88



882507

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.



706034



076A88



8C524D

Square

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



076A88



7E5479



82583B



3E6B4A

Rectangle

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



076A88



585F8C



82583B



616536

Sweetspot

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



076A88



7FA4B0



078823



3B5259



D9D9D9



595959

Same Dimension

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



076A88



0087B0



072C88



3E4345



006685



000405

Inverse Universe

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



88076A



B00087



886307



453E43



850066



050004

Previews

White Background



This preview shows how the Hex color 076A88 looks on a white background.

Color Contrast Check

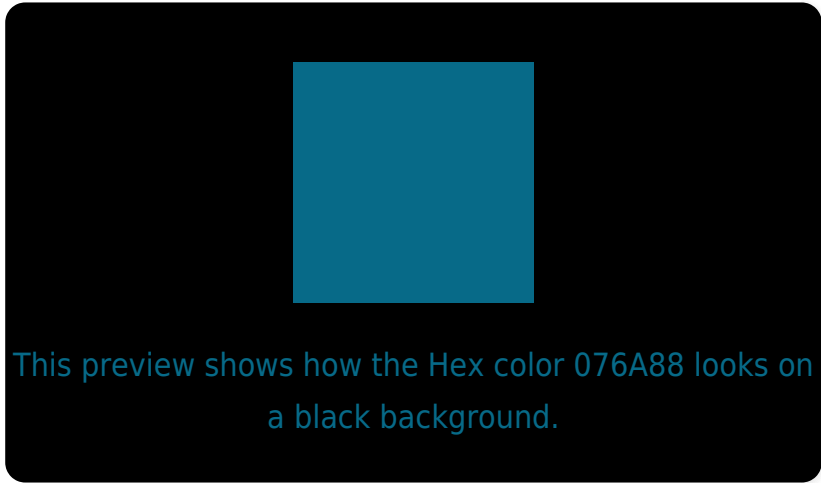
Large Text (above 18pt) WCAG AA ✓ Pass

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

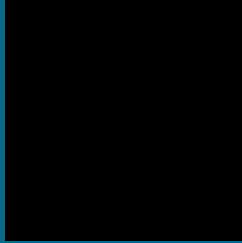
Any Text WCAG AA × Fail

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 076A88 Background



This preview shows how black text looks on a background with the Hex color 076A88.

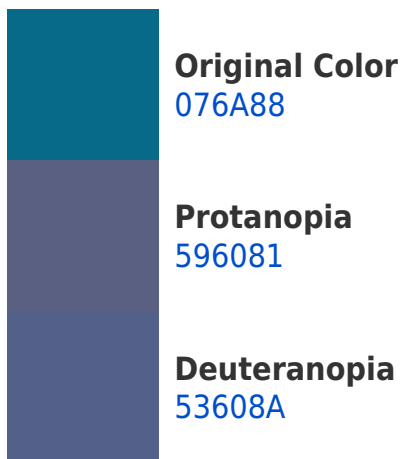


This preview shows how white text looks on a background with the Hex color 076A88.

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
006C75

Trichromacy



Original Color
076A88

Protanomaly
3B6484

Deuteranomaly
376489

Tritanomaly
036B7C

Monochromacy



Original Color
076A88

Achromatopsia
505050

Achromatomaly
355964

CSS Examples

Text

The CSS property to change the color of the text to Hex 076A88 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 #076A88 looks like.

```
.text, #text, p{  
    color:#076A88  
}
```

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 #076A88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #076A88
}
```

Border

The CSS property to change the border of an element to Hex 076A88 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
#076A88 }
```

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

```
.border{ border-color:#076A88 }
```

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

Here you see how a box with a 4 pixel #076A88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #076A88; -webkit-box-shadow:4px 4px  
4px 4px #076A88; box-shadow:4px 4px 4px  
4px #076A88 }
```

Background

The CSS property to change the background color of an element to Hex 076A88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#076A88 }
```

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

```
.background{ background-color:#076A88 }
```

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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