

# Converting Colors

Hex(0A758A)

Have a look what the booklet for  
Hex(0A758A) contains.

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# Color

**Hex(0A758A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A758A
RGB	10, 117, 138
RGB Percent	4%, 46%, 54%
CMY	0.9608, 0.5412, 0.4588
CMYK	0.93, 0.15, 0.00, 0.46
HSL	190°, 86%, 29%
HSV	190°, 93%, 54%
XYZ	11.0739, 14.6221, 26.2834
YIQ	87.4010, -70.5130, -16.1530

# Conversions

## Conversions Part 2

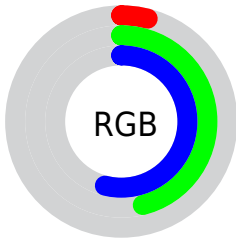
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 68, 138
Decimal	685450
CIE <sub>Lab</sub>	45.11, -19.21, -19.16
CIE <sub>LCh</sub>	45, 27.133, 224.933
Yxy	14.6221, 0.2130, 0.2813
Android (android.graphics.Color)	4278875530 (0xFF0A758A)
<b>YUV</b>	87.4010, 24.9453, -67.8807
Hunter-Lab	38.2388, -15.2246, -13.9858

# Details

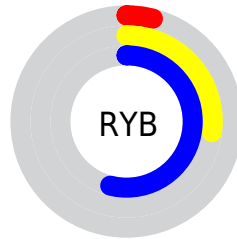
The Hex color **0A758A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8A1F0A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **55A9BF**, and **004458** is the 20% darker color. If you saturate the color by 10%, you get **00738A**, and if you desaturate by 10%, it is **18778A**.

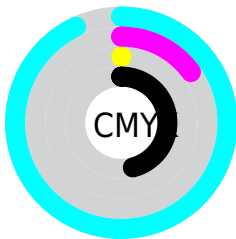
# Distribution



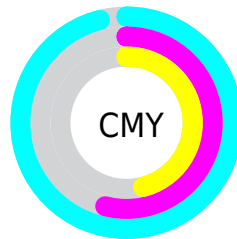
- Red (4%)
- Green (46%)
- Blue (54%)



- Red (4%)
- Yellow (27%)
- Blue (54%)



- Cyan (93%)
- Magenta (15%)
- Yellow (0%)
- Black (46%)



- Cyan (96%)
- Magenta (54%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A758A 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 0A758A by changing the saturation by 10% instead.



0A758A

0A758A

FFFFFF

005C71

55A9BF

004458

72C5DB

002E41

8EE1F8

001B2A

ABFDFF

000116

C8FFFF

000000

E6FFFF

0A758A

0A758A

00738A

18778A

■ 267A8A

■ 337C8A

■ 417E8A

■ 4F808A

■ 5D838A

■ 6B858A

■ 78878A

■ 86898A

# Harmonies

## Analogous

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



167776



0A758A



357096

# Triad

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



0A758A



905A77



6E6D3E

# Complementary

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



0A758A



8A1F0A

# 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.



84653F



0A758A



975960

# Square

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



0A758A



7C618B



925E4C



55734A

# Rectangle

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



0A758A



506C98



925E4C



766B3D



# Sweetspot

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



0A758A



81AAB3



0A8A1D



3B5459



D9D9D9



595959



# Same Dimension

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



0A758A



0095B3



0A378A



3E4445



006F85



000405



# Inverse Universe

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



8A0A75



B30095



8A5D0A



453E44



85006F



050004



# Previews

## White Background



This preview shows how the Hex color 0A758A looks on a white background.

## Color Contrast Check

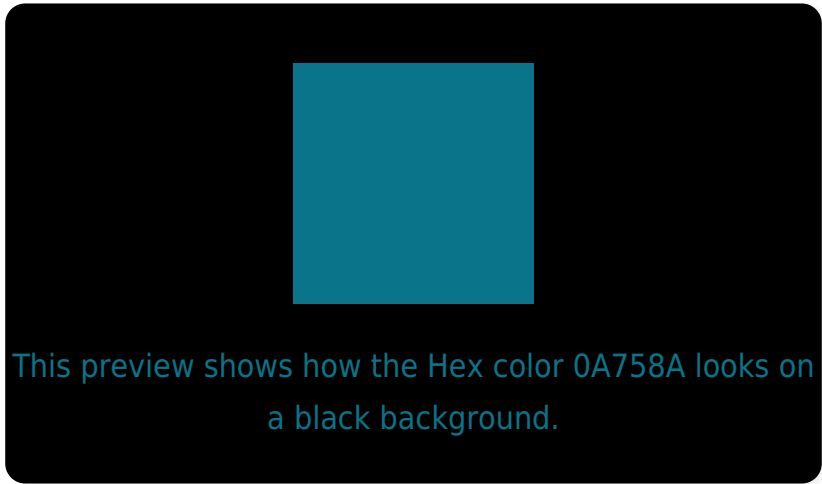
Large Text (above 18pt) WCAG AA ✓ Pass

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

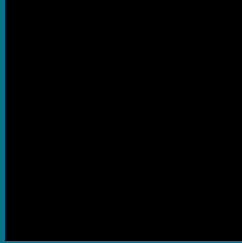
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A758A Background



This preview shows how black text looks on a background with the Hex color 0A758A.

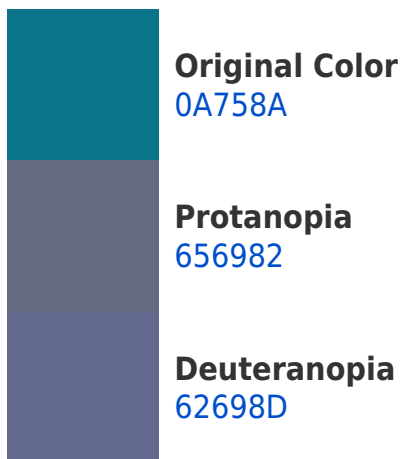


This preview shows how white text looks on a background with the Hex color 0A758A.

# 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





# Trichromacy



**Original Color**  
0A758A

**Protanomaly**  
446D85

**Deuteranomaly**  
426D8C

**Tritanomaly**  
047684

# Monochromacy



**Original Color**  
0A758A

**Achromatopsia**  
575757

**Achromatomaly**  
3B626A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A758A 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 #0A758A looks like.

```
.text, #text, p{  
    color:#0A758A  
}
```

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 #0A758A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A758A
}
```

## Border

The CSS property to change the border of an element to Hex 0A758A 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
#0A758A }
```

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

```
.border{ border-color:#0A758A }
```

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

Here you see how a box with a 4 pixel #0A758A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A758A; -webkit-box-shadow:4px 4px  
4px 4px #0A758A; box-shadow:4px 4px 4px  
4px #0A758A }
```

# Background

The CSS property to change the background color of an element to Hex 0A758A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A758A }
```

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

```
.background{ background-color:#0A758A }
```

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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