

# Converting Colors

Hex(0D718C)

Have a look what the booklet for  
Hex(0D718C) contains.

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# Color

Hex(0D718C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D718C
RGB	13, 113, 140
RGB Percent	5%, 44%, 55%
CMY	0.9490, 0.5569, 0.4510
CMYK	0.91, 0.19, 0.00, 0.45
HSL	193°, 83%, 30%
HSV	193°, 91%, 55%
XYZ	10.8047, 13.7893, 26.9031
YIQ	86.1780, -68.2670, -12.8030

# Conversions

## Conversions Part 2

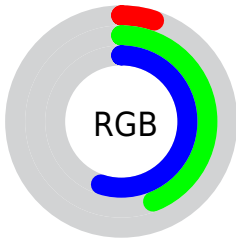
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 69, 140
Decimal	881036
CIELab	43.93, -16.10, -22.17
CIElCh	44, 27.405, 234.011
Yxy	13.7893, 0.2098, 0.2678
Android (android.graphics.Color)	4279071116 (0xFF0D718C)
YUV	86.1780, 26.5342, -64.1771
Hunter-Lab	37.1339, -13.0468, -16.9612

# Details

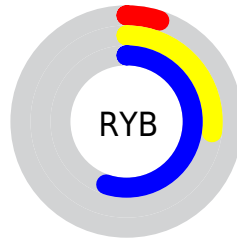
The Hex color **0D718C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8C280D**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **56A5C2**, and **00415A** is the 20% darker color. If you saturate the color by 10%, you get **006E8C**, and if you desaturate by 10%, it is **1B748C**.

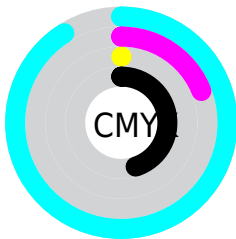
# Distribution



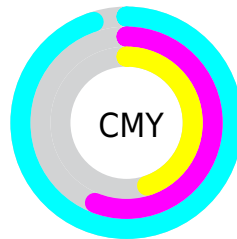
- Red (5%)
- Green (44%)
- Blue (55%)



- Red (5%)
- Yellow (27%)
- Blue (55%)



- Cyan (91%)
- Magenta (19%)
- Yellow (0%)
- Black (45%)



- Cyan (95%)
- Magenta (56%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D718C 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 0D718C by changing the saturation by 10% instead.



 0D718C

 0D718C

FFFFFF

 005872

 56A5C2

 00415A

 72C0DE

 002B42

 8FDCFA

 00182C

 ACF9FF

 000117

 C9FFFF

 000000

 E6FFFF

 0D718C

 0D718C

 006E8C

 1B748C

■ 29778C

■ 377A8C

■ 457D8C

■ 53808C

■ 61838C

■ 6F868C

■ 7D898C

■ 8B8C8C

# Harmonies

## Analogous

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



00747A



0D718C



3E6B95

# Triad

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



0D718C



90566D



646C3D

# Complementary

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



0D718C



8C280D

# 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.



7B653A



0D718C



945756

# Square

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



0D718C



805B83



8C5D44



49714C

# Rectangle

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



0D718C



586694



8C5D44



6C6A3B



# Sweetspot

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



0D718C



84ABB5



0D8C26



3E565C



DBDBDB



5C5C5C



# Same Dimension

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



0D718C



008FB5



0D338C



3E4345



006885



000405



# Inverse Universe

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



8C0D71



B5008F



8C660D



453E43



850068



050004



# Previews

## White Background



This preview shows how the Hex color 0D718C looks on a white background.

## Color Contrast Check

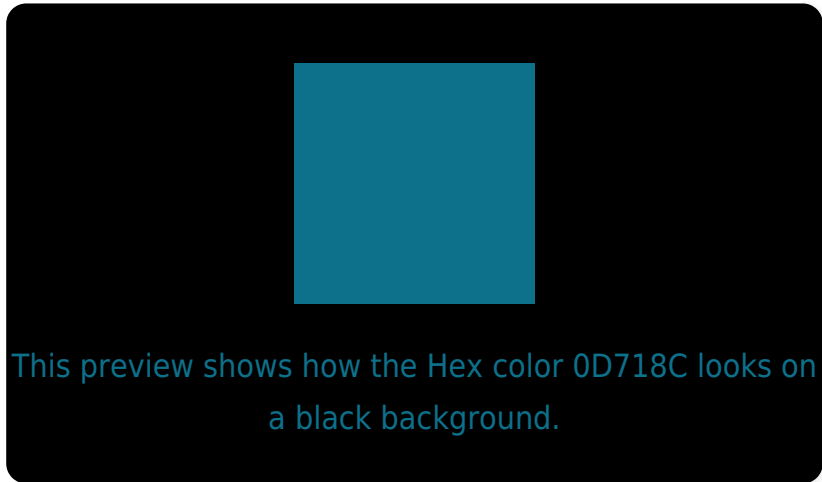
Large Text (above 18pt) WCAG AA ✓ Pass

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

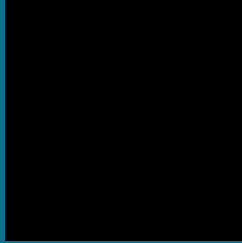
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0D718C Background



This preview shows how black text looks on a background with the Hex color 0D718C.

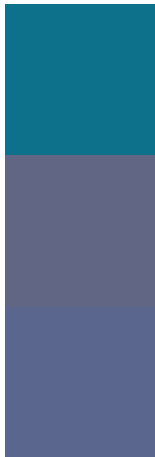


This preview shows how white text looks on a background with the Hex color 0D718C.

# 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



**Original Color**  
0D718C

**Protanopia**  
606684

**Deuteranopia**  
5B668E



**Tritanopia**  
00737C

# Trichromacy



**Original Color**  
0D718C

**Protanomaly**  
426A87

**Deuteranomaly**  
3F6A8D

**Tritanomaly**  
057282

# Monochromacy



**Original Color**  
0D718C

**Achromatopsia**  
565656

**Achromatomaly**  
3B606A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D718C 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 #0D718C looks like.

```
.text, #text, p{  
    color:#0D718C  
}
```

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 #0D718C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D718C
}
```

## Border

The CSS property to change the border of an element to Hex 0D718C 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
#0D718C }
```

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

```
.border{ border-color:#0D718C }
```

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

Here you see how a box with a 4 pixel #0D718C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D718C; -webkit-box-shadow:4px 4px  
4px 4px #0D718C; box-shadow:4px 4px 4px  
4px #0D718C }
```

# Background

The CSS property to change the background color of an element to Hex 0D718C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D718C }
```

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

```
.background{ background-color:#0D718C }
```

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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