

# Converting Colors

Hex(0D478C)

Have a look what the booklet for  
Hex(0D478C) contains.

<b>Hex(0D478C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(0D478C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D478C
RGB	13, 71, 140
RGB Percent	5%, 28%, 55%
CMY	0.9490, 0.7216, 0.4510
CMYK	0.91, 0.49, 0.00, 0.45
HSL	213°, 83%, 30%
HSV	213°, 91%, 55%
XYZ	7.1528, 6.4855, 25.6858
YIQ	61.5240, -56.7170, 9.1630

# Conversions

## Conversions Part 2

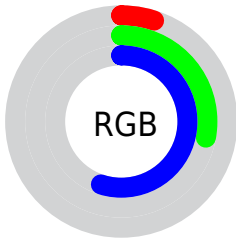
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 53, 140
Decimal	870284
CIELab	30.61, 10.21, -43.22
CIElCh	31, 44.413, 283.292
Yxy	6.4855, 0.1819, 0.1649
Android (android.graphics.Color)	4279060364 (0xFF0D478C)
YUV	61.5240, 38.6887, -42.5555
Hunter-Lab	25.4666, 5.5689, -41.9736

# Details

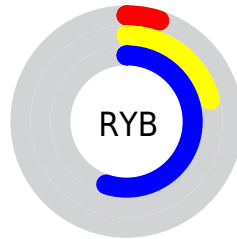
The Hex color **0D478C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8C520D**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5477C2**, and **001D59** is the 20% darker color. If you saturate the color by 10%, you get **00408C**, and if you desaturate by 10%, it is **1B4F8C**.

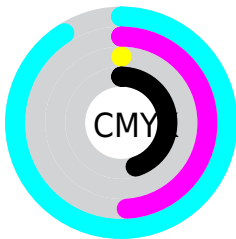
# Distribution



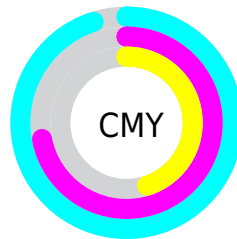
- Red (5%)
- Green (28%)
- Blue (55%)



- Red (5%)
- Yellow (21%)
- Blue (55%)



- Cyan (91%)
- Magenta (49%)
- Yellow (0%)
- Black (45%)



- Cyan (95%)
- Magenta (72%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D478C 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 0D478C by changing the saturation by 10% instead.



■ 0D478C

■ 0D478C

FFFFFF

■ 003172

■ 5477C2

■ 001D59

■ 7190DE

■ 000141

■ 8DABFB

■ 00032A

■ A9C6FF

■ 000114

■ C6E2FF

■ 000000

■ E4FEFF

■ 0D478C

■ 0D478C

■ 00408C

■ 1B4F8C

■ 29568C

■ 375E8C

■ 45658C

■ 536D8C

■ 61758C

■ 6F7C8C

■ 7D848C

■ 8B8B8C

# Harmonies

## Analogous

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



00518B



0D478C



5D377B

# Triad

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



0D478C



7D2F19



005633

# Complementary

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



0D478C



8C520D

# 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.



20530F



0D478C



683F00

# Square

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



0D478C



85233A



4A4B00



005857

# Rectangle

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



0D478C



742C68



4A4B00



005627



# Sweetspot

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



0D478C



849AB5



0D8C51



3E4C5C



DBDBDB



5C5C5C



# Same Dimension

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



0D478C



0053B5



110D8C



3E4145



003D85



000205



# Inverse Universe

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



8C0D47



B50053



888C0D



453E41



85003D



050002



# Previews

## White Background



This preview shows how the Hex color 0D478C looks on a white background.

## Color Contrast Check

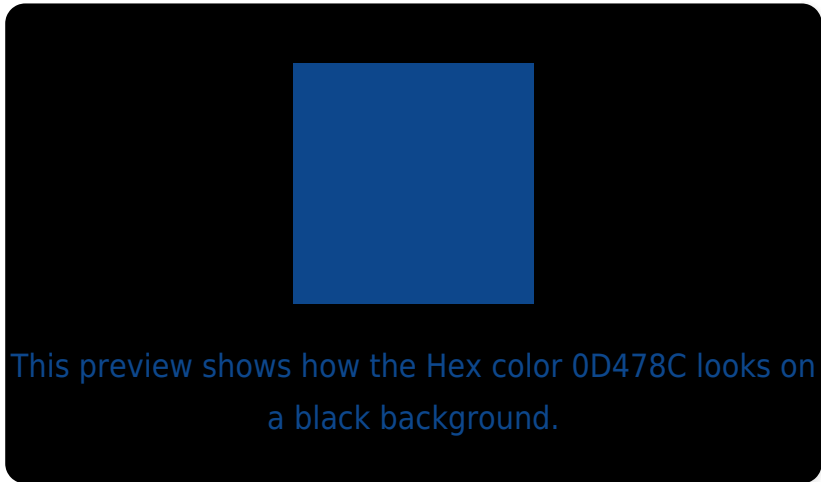
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Any Text WCAG AA × Fail

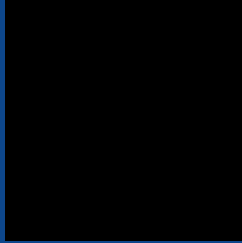
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0D478C Background



This preview shows how black text looks on a background with the Hex color 0D478C.



This preview shows how white text looks on a background with the Hex color 0D478C.

# 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**  
0D478C

**Protanopia**  
20468B

**Deuteranopia**  
004A80



# Trichromacy



**Original Color**  
0D478C

**Protanomaly**  
19468B

**Deuteranomaly**  
054984

**Tritanomaly**  
054D69

# Monochromacy



**Original Color**  
0D478C

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
2C415A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D478C 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 #0D478C looks like.

```
.text, #text, p{  
    color:#0D478C  
}
```

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 #0D478C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D478C
}
```

## Border

The CSS property to change the border of an element to Hex 0D478C 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
#0D478C }
```

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

```
.border{ border-color:#0D478C }
```

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

Here you see how a box with a 4 pixel #0D478C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D478C; -webkit-box-shadow:4px 4px  
4px 4px #0D478C; box-shadow:4px 4px 4px  
4px #0D478C }
```

# Background

The CSS property to change the background color of an element to Hex 0D478C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D478C }
```

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

```
.background{ background-color:#0D478C }
```

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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