

Converting Colors

Hex(0C668C)

Have a look what the booklet for
Hex(0C668C) contains.

Hex(0C668C)	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(0C668C)

Conversions

Conversions Part 1

Format	Color
Hex	0C668C
RGB	12, 102, 140
RGB Percent	5%, 40%, 55%
CMY	0.9529, 0.6000, 0.4510
CMYK	0.91, 0.27, 0.00, 0.45
HSL	198°, 84%, 30%
HSV	198°, 91%, 55%
XYZ	9.6366, 11.4744, 26.5178
YIQ	79.4220, -65.8380, -7.2620

Conversions

Conversions Part 2

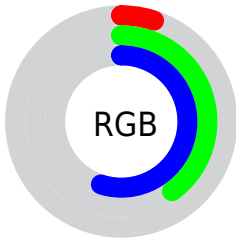
Format	Color
R_{YB}	12, 65, 140
Decimal	812684
CIE _{Lab}	40.37, -9.82, -27.71
CIE _{LCh}	40, 29.399, 250.491
Y _{xy}	11.4744, 0.2023, 0.2409
Android (android.graphics.Color)	4279002764 (0xFF0C668C)
YUV	79.4220, 29.8650, -59.1291
Hunter-Lab	33.8738, -8.4985, -22.7030

Details

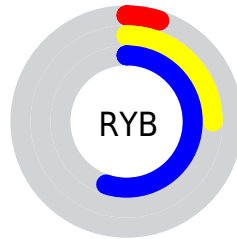
The Hex color **0C668C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8C320C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **5499C2**, and **00375A** is the 20% darker color. If you saturate the color by 10%, you get **00628C**, and if you desaturate by 10%, it is **1A6A8C**.

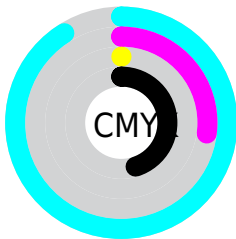
Distribution



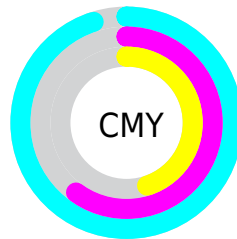
- Red (5%)
- Green (40%)
- Blue (55%)



- Red (5%)
- Yellow (25%)
- Blue (55%)



- Cyan (91%)
- Magenta (27%)
- Yellow (0%)
- Black (45%)



- Cyan (95%)
- Magenta (60%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C668C 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 0C668C by changing the saturation by 10% instead.

 0C668C

 0C668C

FFFFFF

 004E72

 5499C2

 00375A

 71B4DE

 002242

 8DCFFA

 00062C

 AAEBFF

 000116

 C7FFFF

 000000

 E4FFFF

 0C668C

 0C668C

 00628C

 1A6A8C

■ 286E8C

■ 36728C

■ 44778C

■ 527B8C

■ 607F8C

■ 6E838C

■ 7C878C

■ 8A8B8C

Harmonies

Analogous

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



006A7E



0C668C



485F8E

Triad

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



0C668C



8D4C58



4C673A

Complementary

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



0C668C



8C320C

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.



66602F



0C668C



895041

Square

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



0C668C



844E70



7B5832



2B6A4E

Rectangle

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



0C668C



625989



7B5832



556535

Sweetspot

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



0C668C



84A7B5



0C8C30



3E535C



DBDBDB



5C5C5C

Same Dimension

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



0C668C



007FB5



0C288C



3E4345



005D85



000405

Inverse Universe

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



8C0C66



B5007F



8C700C



453E43



85005D



050004

Previews

White Background



This preview shows how the Hex color 0C668C looks on a white background.

Color Contrast Check

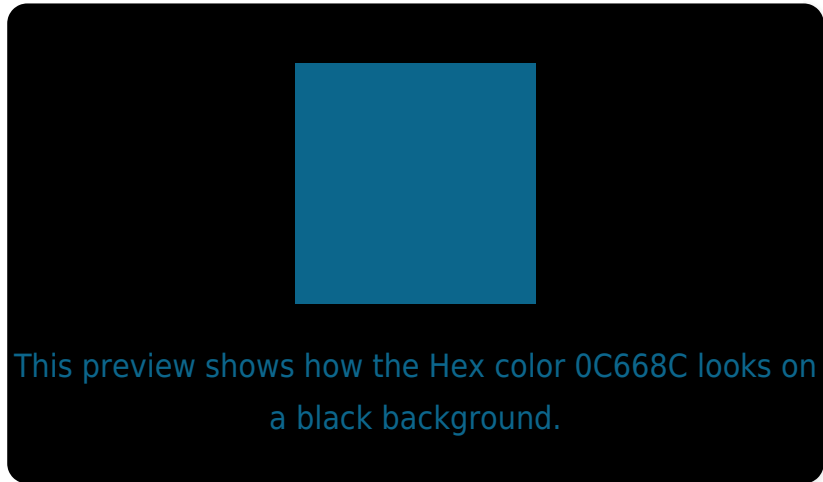
Large Text (above 18pt) WCAG AA ✓ Pass

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

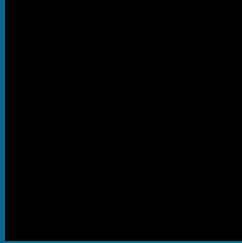
Any Text WCAG AA × Fail

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 0C668C Background



This preview shows how black text looks on a background with the Hex color 0C668C.

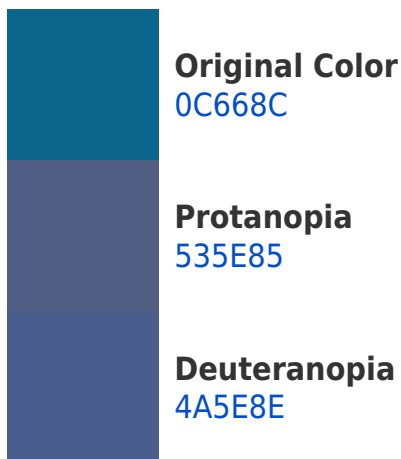


This preview shows how white text looks on a background with the Hex color 0C668C.

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](#).

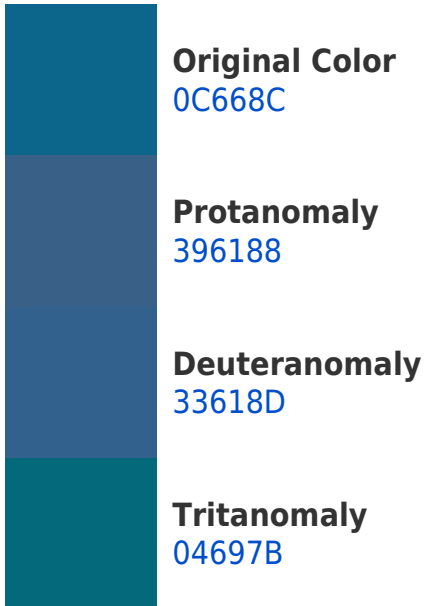
Dichromacy





Tritanopia
006A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0C668C 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 #0C668C looks like.

```
.text, #text, p{  
    color:#0C668C  
}
```

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 #0C668C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C668C
}
```

Border

The CSS property to change the border of an element to Hex 0C668C 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
#0C668C }
```

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

```
.border{ border-color:#0C668C }
```

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

Here you see how a box with a 4 pixel #0C668C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C668C; -webkit-box-shadow:4px 4px  
4px 4px #0C668C; box-shadow:4px 4px 4px  
4px #0C668C }
```

Background

The CSS property to change the background color of an element to Hex 0C668C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C668C }
```

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

```
.background{ background-color:#0C668C }
```

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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