

Converting Colors

Hex(0C728B)

Have a look what the booklet for
Hex(0C728B) contains.

Hex(0C728B)	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(0C728B)

Conversions

Conversions Part 1

Format	Color
Hex	0C728B
RGB	12, 114, 139
RGB Percent	5%, 45%, 55%
CMY	0.9529, 0.5529, 0.4549
CMYK	0.91, 0.18, 0.00, 0.45
HSL	192°, 84%, 30%
HSV	192°, 91%, 55%
XYZ	10.8291, 13.9769, 26.5531
YIQ	86.3520, -68.8170, -13.8490

Conversions

Conversions Part 2

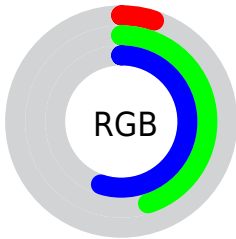
Format	Color
RYB	12, 69, 139
Decimal	815755
CIELab	44.20, -17.09, -21.16
CIELCh	44, 27.199, 231.079
Yxy	13.9769, 0.2109, 0.2721
Android (android.graphics.Color)	4279005835 (0xFF0C728B)
YUV	86.3520, 25.9555, -65.2067
Hunter-Lab	37.3857, -13.7206, -15.9407

Details

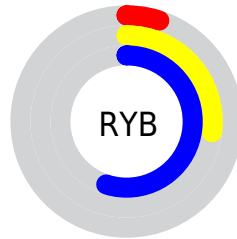
The Hex color **0C728B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8B250C**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **55A6C1**, and **004259** is the 20% darker color. If you saturate the color by 10%, you get **00708B**, and if you desaturate by 10%, it is **1A758B**.

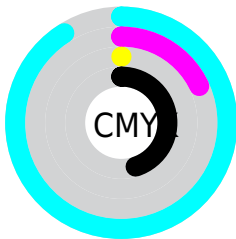
Distribution



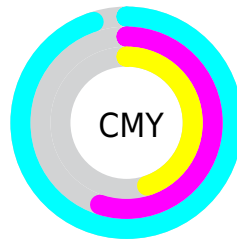
- Red (5%)
- Green (45%)
- Blue (55%)



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



- Cyan (91%)
- Magenta (18%)
- Yellow (0%)
- Black (45%)



- Cyan (95%)
- Magenta (55%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C728B 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 0C728B by changing the saturation by 10% instead.

 0C728B

 0C728B

FFFFFF

 005971

 55A6C1

 004259

 72C1DC

 002B41

 8FDDF9

 00192B

 ABFAFF

 000116

 C8FFFF

 000000

 E6FFFF

 0C728B

 0C728B

 00708B

 1A758B

■ 28778B

■ 367A8B

■ 447D8B

■ 52808B

■ 5F828B

■ 6D858B

■ 7B888B

■ 898B8B

Harmonies

Analogous

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



067478



0C728B



3B6D95

Triad

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



0C728B



905770



676C3E

Complementary

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



0C728B



8B250C

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.



7D653C



0C728B



955859

Square

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



0C728B



7E5D85



8D5D46



4D714B

Rectangle

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



0C728B



556895



8D5D46



6F6A3B

Sweetspot

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



0C728B



84ABB5



0C8B23



3E565C



DBDBDB



5C5C5C

Same Dimension

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



0C728B



0091B5



0C348B



3E4345



006A85



000405

Inverse Universe

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



8B0C72



B50091



8B630C



453E43



85006A



050004

Previews

White Background



This preview shows how the Hex color 0C728B 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



This preview shows how the Hex color 0C728B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

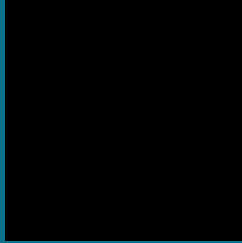
Any Text WCAG AA × Fail

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 0C728B Background



This preview shows how black text looks on a background with the Hex color 0C728B.

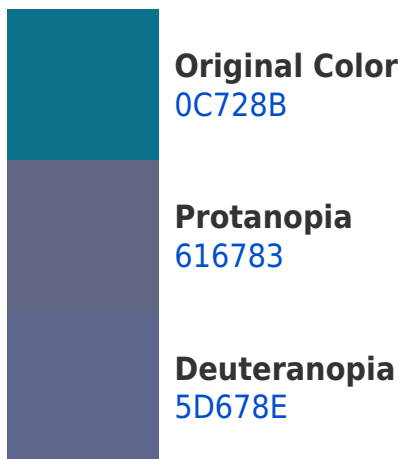


This preview shows how white text looks on a background with the Hex color 0C728B.

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
00747D

Trichromacy



Original Color
0C728B

Protanomaly
426B86

Deuteranomaly
406B8D

Tritanomaly
047382

Monochromacy



Original Color
0C728B

Achromatopsia
565656

Achromatomaly
3B6069

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C728B 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 #0C728B looks like.

```
.text, #text, p{  
    color:#0C728B  
}
```

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 #0C728B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C728B
}
```

Border

The CSS property to change the border of an element to Hex 0C728B 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
#0C728B }
```

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

```
.border{ border-color:#0C728B }
```

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

Here you see how a box with a 4 pixel #0C728B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C728B; -webkit-box-shadow:4px 4px  
4px 4px #0C728B; box-shadow:4px 4px 4px  
4px #0C728B }
```

Background

The CSS property to change the background color of an element to Hex 0C728B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C728B }
```

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

```
.background{ background-color:#0C728B }
```

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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