

Converting Colors

Hex(1B728C)

Have a look what the booklet for
Hex(1B728C) contains.

| | |
|--|----|
| Hex(1B728C) | 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> | 28 |

Color

Hex(1B728C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 1B728C |
| RGB | 27, 114, 140 |
| RGB Percent | 11%, 45%, 55% |
| CMY | 0.8941, 0.5529, 0.4510 |
| CMYK | 0.81, 0.19, 0.00, 0.45 |
| HSL | 194°, 68%, 33% |
| HSV | 194°, 81%, 55% |
| XYZ | 11.2029, 14.1611, 26.9538 |
| YIQ | 90.9510, -60.1980, -10.3580 |

Conversions

Conversions Part 2

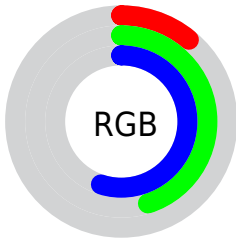
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 27, 76, 140 |
| Decimal | 1798796 |
| CIE _{Lab} | 44.46, -15.47, -21.33 |
| CIE _{LCh} | 44, 26.348, 234.059 |
| Yxy | 14.1611, 0.2141, 0.2707 |
| Android (android.graphics.Color) | 4279988876 (0xFF1B728C) |
| YUV | 90.9510, 24.1812, -56.0850 |
| Hunter-Lab | 37.6312, -12.7146, -16.1254 |

Details

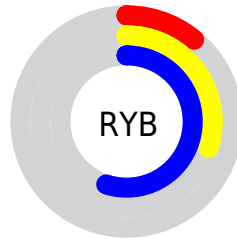
The Hex color **1B728C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8C351B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5BA6C2**, and **00425A** is the 20% darker color. If you saturate the color by 10%, you get **0D6F8C**, and if you desaturate by 10%, it is **29758C**.

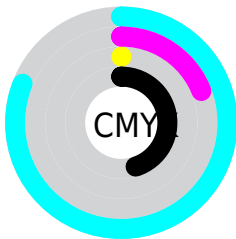
Distribution



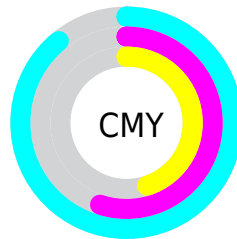
- Red (11%)
- Green (45%)
- Blue (55%)



- Red (11%)
- Yellow (30%)
- Blue (55%)



- Cyan (81%)
- Magenta (19%)
- Yellow (0%)
- Black (45%)



- Cyan (89%)
- Magenta (55%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B728C 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 1B728C by changing the saturation by 10% instead.

■ 1B728C

■ 1B728C

FFFFFF

■ 005972

■ 5BA6C2

■ 00425A

■ 78C1DE

■ 002C42

■ 94DDFA

■ 00182C

■ B0FAFF

■ 000117

■ CDFFFF

■ 000000

■ EBFFFF

■ 1B728C

■ 1B728C

■ 0D6F8C

■ 29758C

■ 006C8C

■ 37788C

■ 457C8C

■ 537F8C

■ 61828C

■ 6F858C

■ 7D898C

■ 8B8C8C

■ 998F8C

Harmonies

Analogous

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



10757A



1B728C



426D94

Triad

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



1B728C



90586E



666D40

Complementary

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



1B728C



8C351B

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.



7C663D



1B728C



945958

Square

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



1B728C



815D83



8C5F46



4C724F

Rectangle

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



1B728C



5A6893



8C5F46



6D6B3E

Sweetspot

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



1B728C



8AABB5



1B8C33



41565C



DBDBDB



5C5C5C

Same Dimension

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



1B728C



058DB5



1B3B8C



3E4345



006685



000405

Inverse Universe

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



8C1B72



B5058D



8C6C1B



453E43



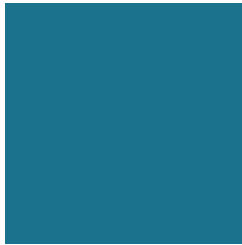
850066



050004

Previews

White Background



This preview shows how the Hex color 1B728C looks on a white background.

Color Contrast Check

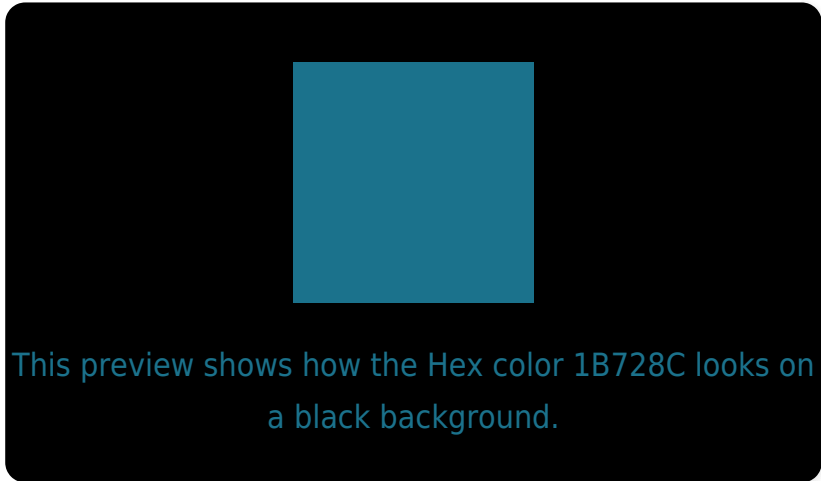
Large Text (above 18pt) WCAG AA ✓ Pass

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

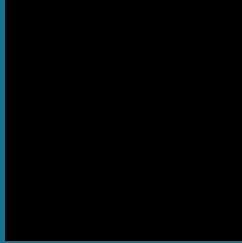
Any Text WCAG AA × Fail

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 1B728C Background



This preview shows how black text looks on a background with the Hex color 1B728C.

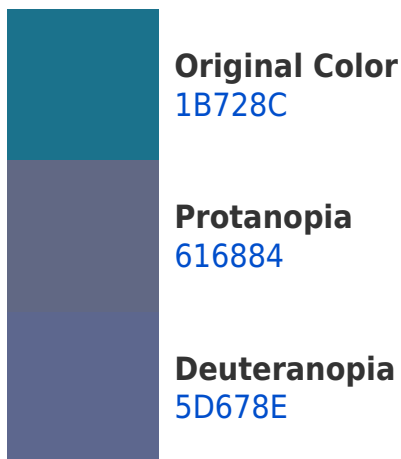


This preview shows how white text looks on a background with the Hex color 1B728C.

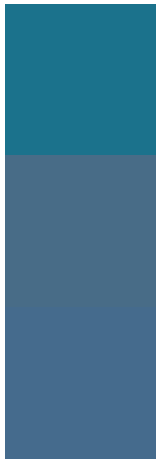
Color Blindness Simulation

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
1B728C

Protanomaly
486C87

Deuteranomaly
456B8D

Monochromacy



Original Color
1B728C

Achromatopsia
5B5B5B

Achromatomaly
44636D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B728C 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 #1B728C looks like.

```
.text, #text, p{  
    color:#1B728C  
}
```

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 #1B728C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B728C
}
```

Border

The CSS property to change the border of an element to Hex 1B728C is called "border". The border property can be set on classes, ids or directly on the HTML element.

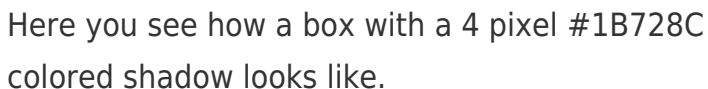
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B728C }
```

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

```
.border{ border-color:#1B728C }
```

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

A rectangular box with a 4px blue shadow. The box is white with a thin blue border. The shadow is a solid blue color, matching the #1B728C color mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #1B728C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B728C; -webkit-box-shadow:4px 4px  
4px 4px #1B728C; box-shadow:4px 4px 4px  
4px #1B728C }
```

Background

The CSS property to change the background color of an element to Hex 1B728C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B728C }
```

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

```
.background{ background-color:#1B728C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor