

Converting Colors

Hex(1B758D)

Have a look what the booklet for
Hex(1B758D) contains.

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Color

Hex(1B758D)

Conversions

Conversions Part 1

Format	Color
Hex	1B758D
RGB	27, 117, 141
RGB Percent	11%, 46%, 55%
CMY	0.8941, 0.5412, 0.4471
CMYK	0.81, 0.17, 0.00, 0.45
HSL	193°, 68%, 33%
HSV	193°, 81%, 55%
XYZ	11.6210, 14.8787, 27.4587
YIQ	92.8260, -61.3440, -11.6160

Conversions

Conversions Part 2

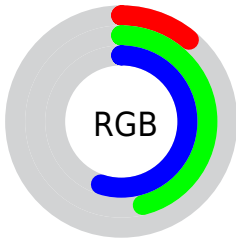
Format	Color
R _Y B	27, 77, 141
Decimal	1799565
CIE Lab	45.47, -16.78, -20.38
CIE LCh	45, 26.400, 230.528
Yxy	14.8787, 0.2154, 0.2757
Android (android.graphics.Color)	4279989645 (0xFF1B758D)
YUV	92.8260, 23.7498, -57.7294
Hunter-Lab	38.5729, -13.7252, -15.2054

Details

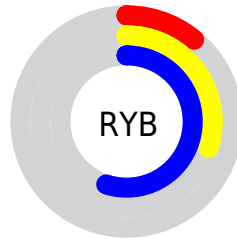
The Hex color **1B758D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8D331B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5CA9C3**, and **00455B** is the 20% darker color. If you saturate the color by 10%, you get **0D728D**, and if you desaturate by 10%, it is **29788D**.

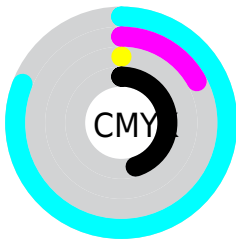
Distribution



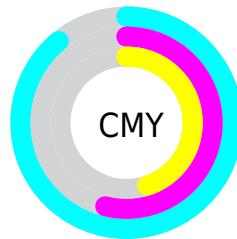
- Red (11%)
- Green (46%)
- Blue (55%)



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



- Cyan (81%)
- Magenta (17%)
- Yellow (0%)
- Black (45%)



- Cyan (89%)
- Magenta (54%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B758D 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 1B758D by changing the saturation by 10% instead.

■ 1B758D

■ 1B758D

FFFFFF

■ 005C73

■ 5CA9C3

■ 00455B

■ 78C5DF

■ 002E43

■ 95E1FB

■ 001B2D

■ B1FDFE

■ 000118

■ CEFFFF

■ 000000

■ ECEFFF

■ 1B758D

■ 1B758D

■ 0D728D

■ 29788D

006F8D

377B8D

457E8D

53818D

62848D

70878D

7E8A8D

8C8D8D

9A908D

Harmonies

Analogous

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



18777A



1B758D



407097

Triad

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



1B758D



925B74



6B6F42

Complementary

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



1B758D



8D331B

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.



816840



1B758D



975B5D

Square

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



1B758D



816188



90604A



52744F

Rectangle

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



1B758D



596B97



90604A



736D40

Sweetspot

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



1B758D



8CAEB8



1B8D32



41565C



DBDBDB



5C5C5C

Same Dimension

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



1B758D



0692B8



1B3D8D



404647



006B87



000608

Inverse Universe

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



8D1B75



B80692



8D6B1B



474046



87006B



080006

Previews

White Background



This preview shows how the Hex color 1B758D looks on a white background.

Color Contrast Check

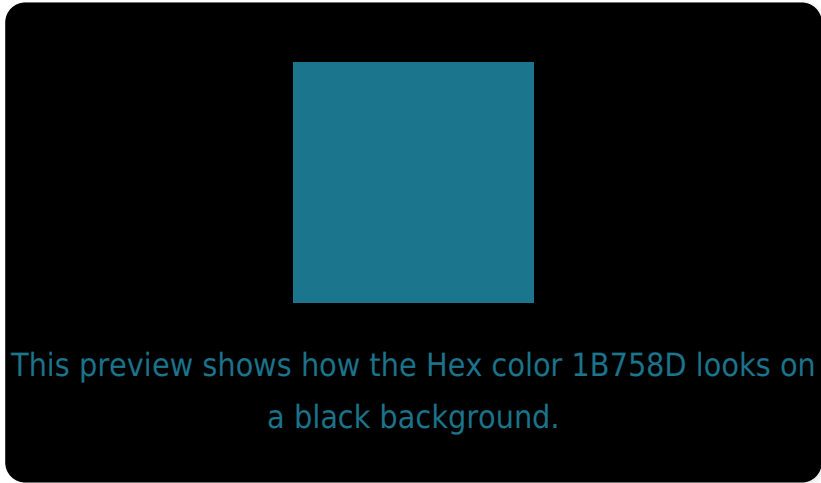
Large Text (above 18pt) WCAG AA ✓ Pass

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

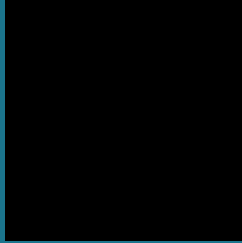
Any Text WCAG AA × Fail

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 1B758D Background



This preview shows how black text looks on a background with the Hex color 1B758D.

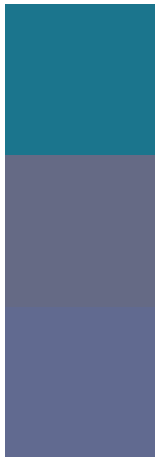


This preview shows how white text looks on a background with the Hex color 1B758D.

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
1B758D

Protanopia
656A85

Deuteranopia
616A90



Tritanopia
017781

Trichromacy



Original Color
1B758D

Protanomaly
4A6E88

Deuteranomaly
486E8F

Tritanomaly
0A7685

Monochromacy



Original Color
1B758D

Achromatopsia
5D5D5D

Achromatomaly
45666E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B758D 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 #1B758D looks like.

```
.text, #text, p{  
    color:#1B758D  
}
```

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 #1B758D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B758D
}
```

Border

The CSS property to change the border of an element to Hex 1B758D 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
#1B758D }
```

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

```
.border{ border-color:#1B758D }
```

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

Here you see how a box with a 4 pixel #1B758D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B758D; -webkit-box-shadow:4px 4px  
4px 4px #1B758D; box-shadow:4px 4px 4px  
4px #1B758D }
```

Background

The CSS property to change the background color of an element to Hex 1B758D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B758D }
```

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

```
.background{ background-color:#1B758D }
```

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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