

Converting Colors

Hex(1B6A78)

Have a look what the booklet for
Hex(1B6A78) contains.

Hex(1B6A78)	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(1B6A78)

Conversions

Conversions Part 1

Format	Color
Hex	1B6A78
RGB	27, 106, 120
RGB Percent	11%, 42%, 47%
CMY	0.8941, 0.5843, 0.5294
CMYK	0.78, 0.12, 0.00, 0.53
HSL	189°, 63%, 29%
HSV	189°, 78%, 47%
XYZ	8.9962, 11.8971, 19.5915
YIQ	83.9750, -51.5780, -12.3940

Conversions

Conversions Part 2

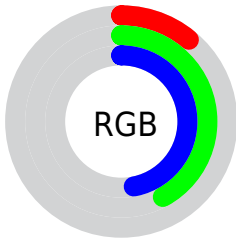
Format	Color
R_{YB}	27, 70, 120
Decimal	1796728
CIE _{Lab}	41.05, -18.05, -14.54
CIE _{LCh}	41, 23.181, 218.861
Yxy	11.8971, 0.2222, 0.2939
Android (android.graphics.Color)	4279986808 (0xFF1B6A78)
YUV	83.9750, 17.7603, -49.9671
Hunter-Lab	34.4922, -13.8054, -9.5320

Details

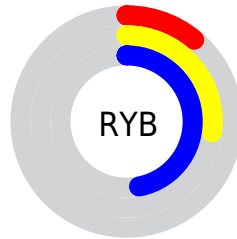
The Hex color **1B6A78** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **78291B**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **579EAC**, and **003A48** is the 20% darker color. If you saturate the color by 10%, you get **0F6878**, and if you desaturate by 10%, it is **276C78**.

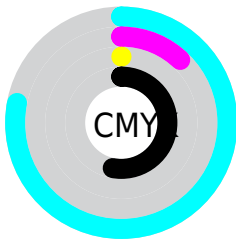
Distribution



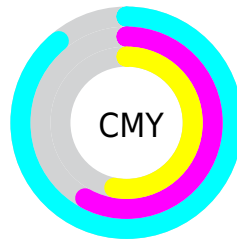
- Red (11%)
- Green (42%)
- Blue (47%)



- Red (11%)
- Yellow (27%)
- Blue (47%)



- Cyan (78%)
- Magenta (12%)
- Yellow (0%)
- Black (53%)



- Cyan (89%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B6A78 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 1B6A78 by changing the saturation by 10% instead.

 1B6A78

 1B6A78

FFFFFF

 00525F

 579EAC

 003A48

 73B9C8

 002531

 8ED4E4

 00091D

 AAF1FF

 000000

 C7FFFF

 E4FFFF

 1B6A78

 1B6A78

 0F6878

 276C78

036678

336E78

006678

3F6F78

4B7178

577378

637578

6F7778

7B7878

877A78

Harmonies

Analogous

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



256B66



1B6A78



316684

Triad

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



1B6A78



7D546F



68613B

Complementary

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



1B6A78



78291B

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.



795B3E



1B6A78



86525C

Square

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



1B6A78



6A5A7E



84554A



536743

Rectangle

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



1B6A78



456386



84554A



6E5F3B

Sweetspot

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



1B6A78



78969C



1B7829



394C4F



CFCFCF



4F4F4F

Same Dimension

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



1B6A78



0B869C



1B3C78



373C3D



006A7D



00D6FC

Inverse Universe

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



781B6A



9C0B86



78571B



3D373C



7D006A



FC00D6

Previews

White Background



This preview shows how the Hex color 1B6A78 looks on a white background.

Color Contrast Check

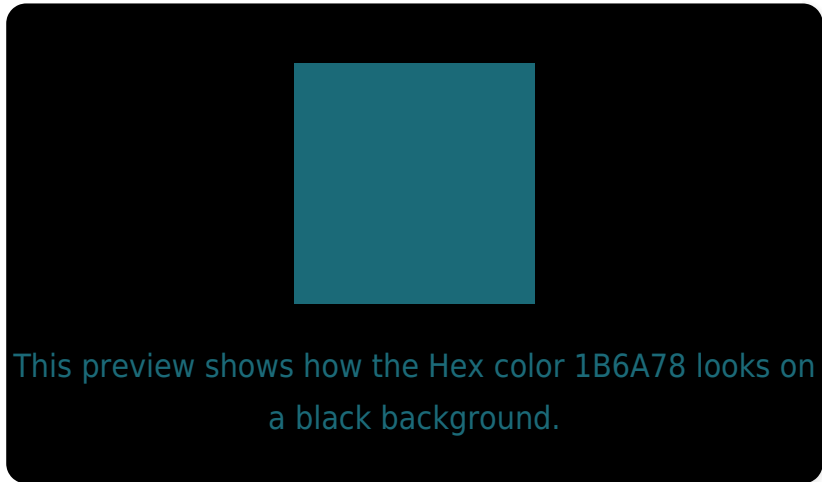
Large Text (above 18pt) WCAG AA ✓ Pass

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

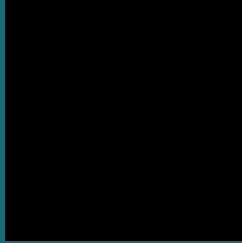
Any Text WCAG AA × Fail

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 1B6A78 Background



This preview shows how black text looks on a background with the Hex color 1B6A78.



This preview shows how white text looks on a background with the Hex color 1B6A78.

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](#).

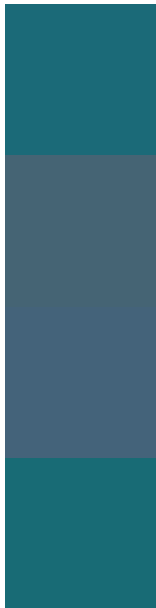
Dichromacy





Tritanopia
176B73

Trichromacy



Original Color
1B6A78

Protanomaly
456474

Deuteranomaly
44637A

Tritanomaly
186B75

Monochromacy



Original Color
1B6A78

Achromatopsia
545454

Achromatomaly
3F5C61

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B6A78 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 #1B6A78 looks like.

```
.text, #text, p{  
    color:#1B6A78  
}
```

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 #1B6A78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B6A78
}
```

Border

The CSS property to change the border of an element to Hex 1B6A78 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
#1B6A78 }
```

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

```
.border{ border-color:#1B6A78 }
```

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

Here you see how a box with a 4 pixel #1B6A78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B6A78; -webkit-box-shadow:4px 4px  
4px 4px #1B6A78; box-shadow:4px 4px 4px  
4px #1B6A78 }
```

Background

The CSS property to change the background color of an element to Hex 1B6A78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B6A78 }
```

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

```
.background{ background-color:#1B6A78 }
```

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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