

Converting Colors

Hex(1B6D8A)

Have a look what the booklet for
Hex(1B6D8A) contains.

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Color

Hex(1B6D8A)

Conversions

Conversions Part 1

Format	Color
Hex	1B6D8A
RGB	27, 109, 138
RGB Percent	11%, 43%, 54%
CMY	0.8941, 0.5725, 0.4588
CMYK	0.80, 0.21, 0.00, 0.46
HSL	196°, 67%, 32%
HSV	196°, 80%, 54%
XYZ	10.5081, 13.0053, 26.0012
YIQ	87.7880, -58.1810, -8.3650

Conversions

Conversions Part 2

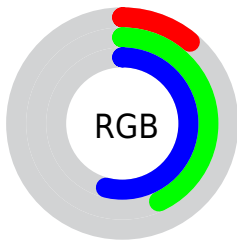
Format	Color
RYB	27, 74, 138
Decimal	1797514
CIELab	42.77, -13.35, -22.75
CIELCh	43, 26.379, 239.598
Yxy	13.0053, 0.2122, 0.2627
Android (android.graphics.Color)	4279987594 (0xFF1B6D8A)
YUV	87.7880, 24.7545, -53.3111
Hunter-Lab	36.0628, -11.0981, -17.5039

Details

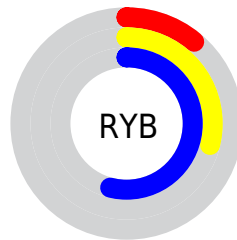
The Hex color **1B6D8A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8A381B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5AA1C0**, and **003D58** is the 20% darker color. If you saturate the color by 10%, you get **0D698A**, and if you desaturate by 10%, it is **29718A**.

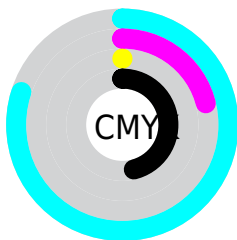
Distribution



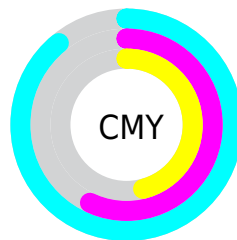
- Red (11%)
- Green (43%)
- Blue (54%)



- Red (11%)
- Yellow (29%)
- Blue (54%)



- Cyan (80%)
- Magenta (21%)
- Yellow (0%)
- Black (46%)



- Cyan (89%)
- Magenta (57%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B6D8A 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 1B6D8A by changing the saturation by 10% instead.

 1B6D8A

 1B6D8A

FFFFFF

 005570

 5AA1C0

 003D58

 77BCDB

 002840

 93D7F8

 00132A

 AFF4FF

 000115

 CCFFFF

 000000

 E9FFFF

 1B6D8A

 1B6D8A

 0D698A

 29718A

■ 00668A

■ 37748A

■ 44788A

■ 527B8A

■ 607F8A

■ 6E838A

■ 7C868A

■ 898A8A

■ 978D8A

Harmonies

Analogous

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



00707A



1B6D8A



446790

Triad

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



1B6D8A



8D5466



5D6A3E

Complementary

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



1B6D8A



8A381B

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.



736439



1B6D8A



8F5651

Square

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



1B6D8A



80587B



855C40



436F4E

Rectangle

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



1B6D8A



5C628E



855C40



65683B

Sweetspot

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



1B6D8A



88A7B3



1B8A37



3F5259



D9D9D9



595959

Same Dimension

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



1B6D8A



0585B3



1B378A



3E4345



006285



000405

Inverse Universe

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



8A1B6D



B30585



8A6E1B



453E43



850062



050004

Previews

White Background



This preview shows how the Hex color 1B6D8A looks on a white background.

Color Contrast Check

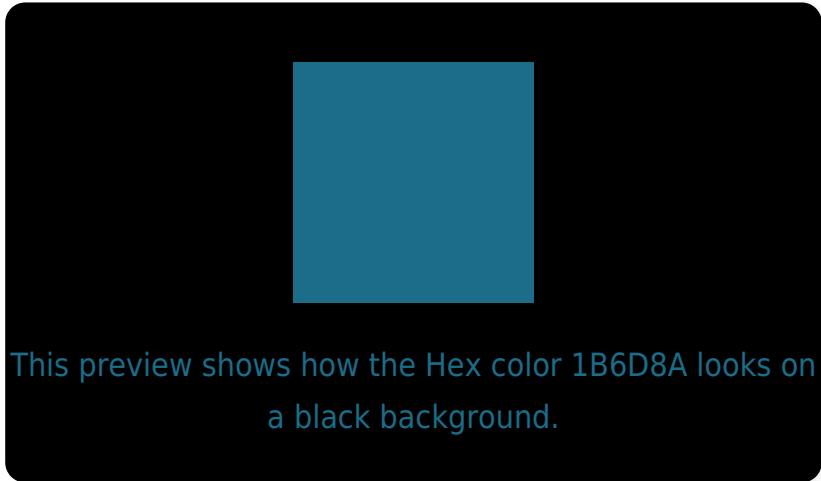
Large Text (above 18pt) WCAG AA ✓ Pass

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

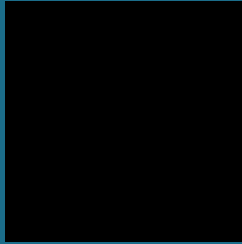
Any Text WCAG AA × Fail

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 1B6D8A Background



This preview shows how black text looks on a background with the Hex color 1B6D8A.

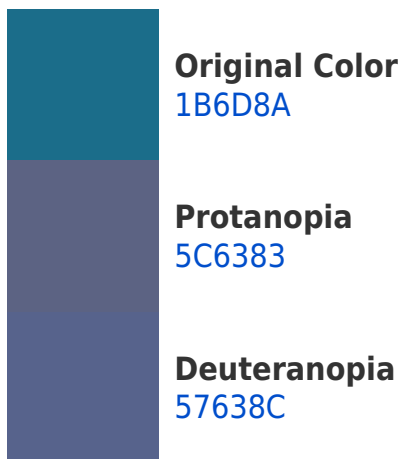


This preview shows how white text looks on a background with the Hex color 1B6D8A.

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](#).

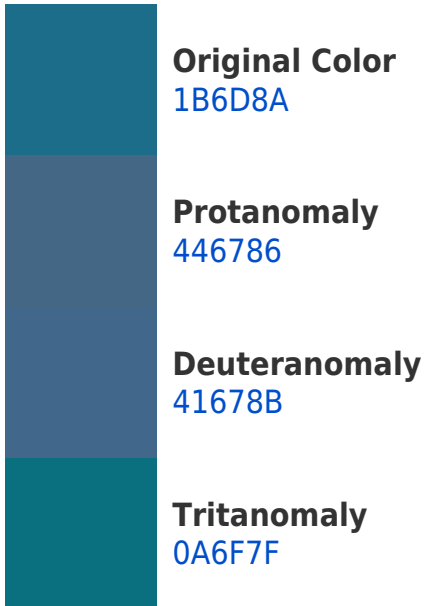
Dichromacy





Tritanopia
007079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1B6D8A 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 #1B6D8A looks like.

```
.text, #text, p{  
    color:#1B6D8A  
}
```

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 #1B6D8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B6D8A
}
```

Border

The CSS property to change the border of an element to Hex 1B6D8A 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
#1B6D8A }
```

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

```
.border{ border-color:#1B6D8A }
```

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

Here you see how a box with a 4 pixel #1B6D8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B6D8A; -webkit-box-shadow:4px 4px  
4px 4px #1B6D8A; box-shadow:4px 4px 4px  
4px #1B6D8A }
```

Background

The CSS property to change the background color of an element to Hex 1B6D8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B6D8A }
```

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

```
.background{ background-color:#1B6D8A }
```

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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