

Converting Colors

Hex(1B7896)

Have a look what the booklet for
Hex(1B7896) contains.

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Color

Hex(1B7896)

Conversions

Conversions Part 1

Format	Color
Hex	1B7896
RGB	27, 120, 150
RGB Percent	11%, 47%, 59%
CMY	0.8941, 0.5294, 0.4118
CMYK	0.82, 0.20, 0.00, 0.41
HSL	195°, 69%, 35%
HSV	195°, 82%, 59%
XYZ	12.6735, 15.8680, 31.2490
YIQ	95.6130, -65.0580, -10.3860

Conversions

Conversions Part 2

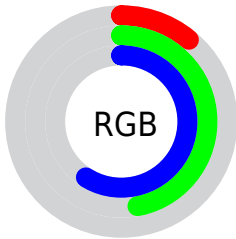
Format	Color
R_{YB}	27, 80, 150
Decimal	1800342
CIE _{Lab}	46.80, -15.25, -23.65
CIE _{LCh}	47, 28.139, 237.176
Yxy	15.8680, 0.2120, 0.2654
Android (android.graphics.Color)	4279990422 (0xFF1B7896)
YUV	95.6130, 26.8128, -60.1736
Hunter-Lab	39.8346, -12.9203, -18.6269

Details

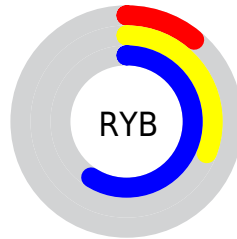
The Hex color **1B7896** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **96391B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5EACCC**, and **004763** is the 20% darker color. If you saturate the color by 10%, you get **0C7496**, and if you desaturate by 10%, it is **2A7C96**.

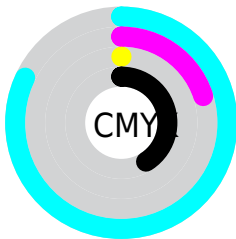
Distribution



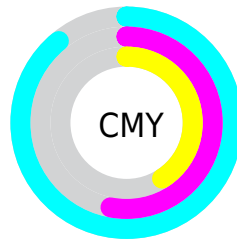
- Red (11%)
- Green (47%)
- Blue (59%)



- Red (11%)
- Yellow (31%)
- Blue (59%)



- Cyan (82%)
- Magenta (20%)
- Yellow (0%)
- Black (41%)



- Cyan (89%)
- Magenta (53%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B7896 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 1B7896 by changing the saturation by 10% instead.

■ 1B7896

■ 1B7896

FFFFFF

■ 005F7C

■ 5EACCC

■ 004763

■ 7AC8E8

■ 00314B

■ 97E4FF

■ 001D34

■ B4FFFF

■ 00021F

■ D1FFFF

■ 000002

■ EFFFFFF

■ 000000

■ 1B7896

■ 1B7896

■ 0C7496

■ 2A7C96

007196

397F96

488396

578796

668A96

758E96

849296

939596

A29996

Harmonies

Analogous

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



037B84



1B7896



48729E

Triad

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



1B7896



9A5D72



687444

Complementary

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



1B7896



96391B

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.



806D3F



1B7896



9C5E5B

Square

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



1B7896



8B6189



936548



4C7955

Rectangle

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



1B7896



636D9C



936548



717241

Sweetspot

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



1B7896



91B6C2



1B9638



445A61



E0E0E0



616161

Same Dimension

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



1B7896



0493C2



1B3C96



43484A



00688A



00080A

Inverse Universe

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



961B78



C20493



96751B



4A4348



8A0068



0A0008

Previews

White Background



This preview shows how the Hex color 1B7896 looks on a white background.

Color Contrast Check

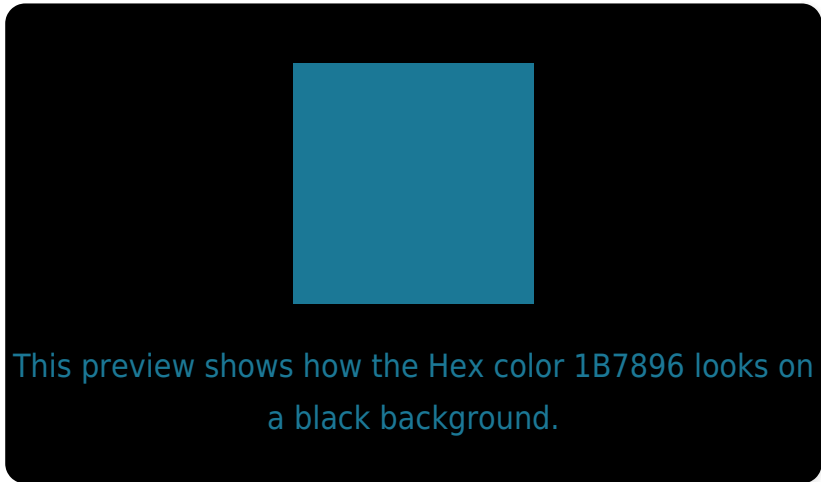
Large Text (above 18pt) WCAG AA ✓ Pass

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

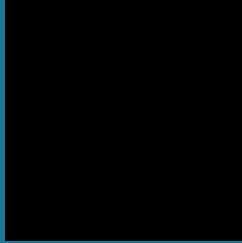
Any Text WCAG AA × Fail

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 1B7896 Background



This preview shows how black text looks on a background with the Hex color 1B7896.

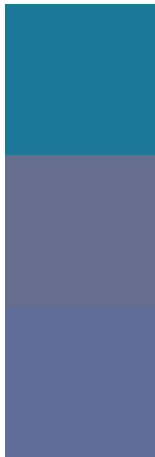


This preview shows how white text looks on a background with the Hex color 1B7896.

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
1B7896

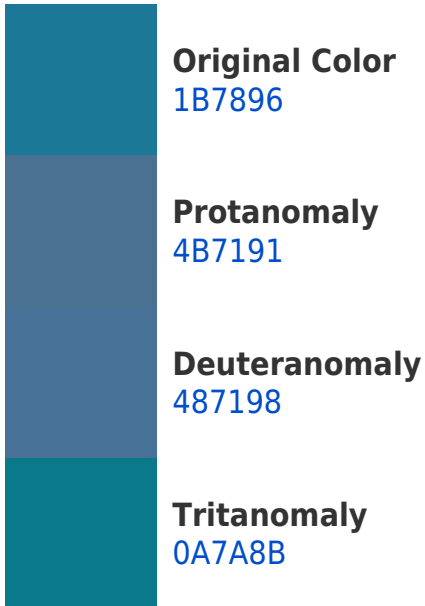
Protanopia
666D8E

Deuteranopia
616D99



Tritanopia
007B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1B7896 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 #1B7896 looks like.

```
.text, #text, p{  
    color:#1B7896  
}
```

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 #1B7896 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B7896
}
```

Border

The CSS property to change the border of an element to Hex 1B7896 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
#1B7896 }
```

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

```
.border{ border-color:#1B7896 }
```

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

Here you see how a box with a 4 pixel #1B7896 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B7896; -webkit-box-shadow:4px 4px  
4px 4px #1B7896; box-shadow:4px 4px 4px  
4px #1B7896 }
```

Background

The CSS property to change the background color of an element to Hex 1B7896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B7896 }
```

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

```
.background{ background-color:#1B7896 }
```

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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