

Converting Colors

Hex(1D7A8D)

Have a look what the booklet for
Hex(1D7A8D) contains.

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Color

Hex(1D7A8D)

Conversions

Conversions Part 1

Format	Color
Hex	1D7A8D
RGB	29, 122, 141
RGB Percent	11%, 48%, 55%
CMY	0.8863, 0.5216, 0.4471
CMYK	0.79, 0.13, 0.00, 0.45
HSL	190°, 66%, 33%
HSV	190°, 79%, 55%
XYZ	12.2739, 16.1034, 27.6607
YIQ	96.3590, -61.5270, -13.8070

Conversions

Conversions Part 2

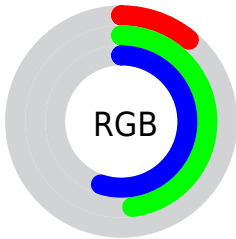
Format	Color
R_{YB}	29, 80, 141
Decimal	1931917
CIE _{Lab}	47.11, -19.30, -17.86
CIE _{LCh}	47, 26.292, 222.779
Yxy	16.1034, 0.2190, 0.2874
Android (android.graphics.Color)	4280121997 (0xFF1D7A8D)
YUV	96.3590, 22.0080, -59.0738
Hunter-Lab	40.1290, -15.6293, -12.7779

Details

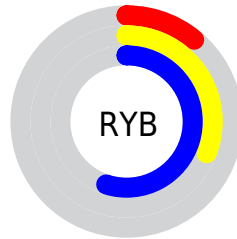
The Hex color **1D7A8D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8D301D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5DAFC3**, and **00495B** is the 20% darker color. If you saturate the color by 10%, you get **0F788D**, and if you desaturate by 10%, it is **2B7C8D**.

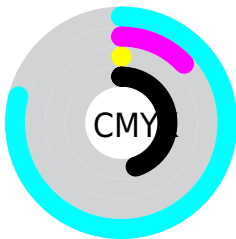
Distribution



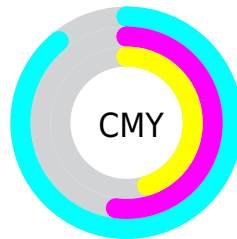
- Red (11%)
- Green (48%)
- Blue (55%)



- Red (11%)
- Yellow (31%)
- Blue (55%)



- Cyan (79%)
- Magenta (13%)
- Yellow (0%)
- Black (45%)



- Cyan (89%)
- Magenta (52%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D7A8D 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 1D7A8D by changing the saturation by 10% instead.

■ 1D7A8D

■ 1D7A8D

FFFFFF

■ 006173

■ 5DAFC3

■ 00495B

■ 7ACADF

■ 003243

■ 96E6FB

■ 001E2D

■ B3FFFF

■ 000119

■ D0FFFF

■ 000000

■ EDFFFF

■ 1D7A8D

■ 1D7A8D

■ 0F788D

■ 2B7C8D

■ 01758D

■ 397F8D

■ 00758D

■ 47818D

■ 55848D

■ 64868D

■ 72888D

■ 808B8D

■ 8E8D8D

■ 9C908D

Harmonies

Analogous

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



257C79



1D7A8D



3B7699

Triad

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



1D7A8D



93607D



757144

Complementary

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



1D7A8D



8D301D

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.



8A6A46



1D7A8D



9B5F67

Square

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



1D7A8D



7E6790



976353



5D774F

Rectangle

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



1D7A8D



54719C



976353



7D6F43

Sweetspot

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



1D7A8D



8CB0B8



1D8D30



41575C



DBDBDB



5C5C5C

Same Dimension

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



1D7A8D



099AB8



1D428D



404647



007087



000608

Inverse Universe

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



8D1D7A



B8099A



8D681D



474046



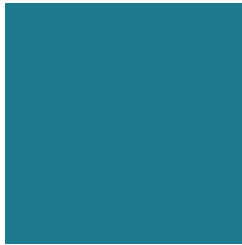
870070



080006

Previews

White Background



This preview shows how the Hex color 1D7A8D looks on a white background.

Color Contrast Check

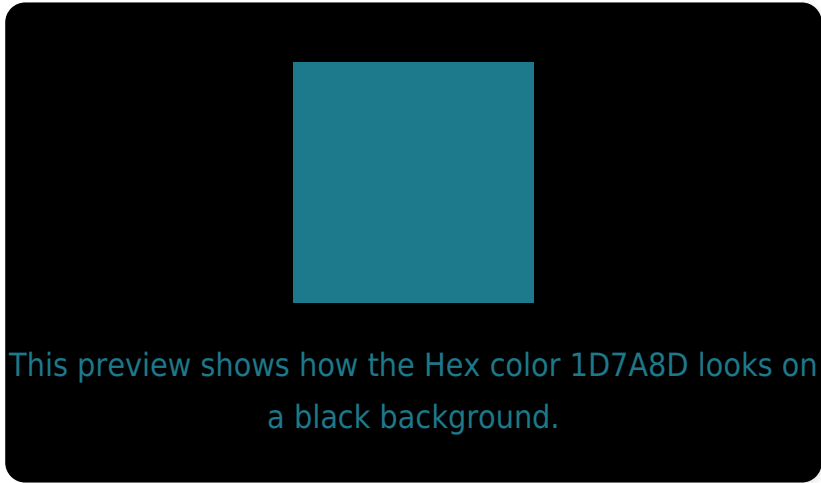
Large Text (above 18pt) WCAG AA ✓ Pass

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

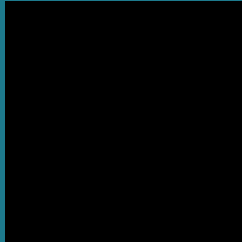
Any Text WCAG AA × Fail

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 1D7A8D Background



This preview shows how black text looks on a background with the Hex color 1D7A8D.

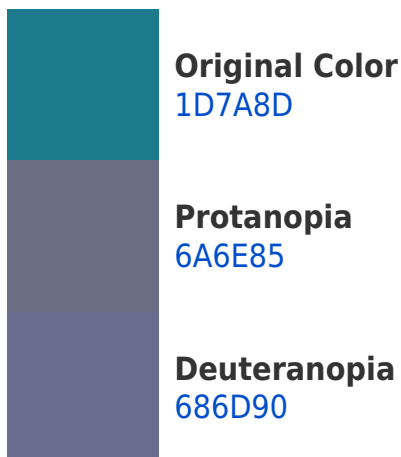


This preview shows how white text looks on a background with the Hex color 1D7A8D.

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
147B85

Trichromacy



Original Color
1D7A8D

Protanomaly
4E7288

Deuteranomaly
4D728F

Tritanomaly
177B88

Monochromacy



Original Color
1D7A8D

Achromatopsia
606060

Achromatomaly
486970

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D7A8D 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 #1D7A8D looks like.

```
.text, #text, p{  
    color:#1D7A8D  
}
```

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 #1D7A8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D7A8D
}
```

Border

The CSS property to change the border of an element to Hex 1D7A8D 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
#1D7A8D }
```

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

```
.border{ border-color:#1D7A8D }
```

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

Here you see how a box with a 4 pixel #1D7A8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D7A8D; -webkit-box-shadow:4px 4px  
4px 4px #1D7A8D; box-shadow:4px 4px 4px  
4px #1D7A8D }
```

Background

The CSS property to change the background color of an element to Hex 1D7A8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D7A8D }
```

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

```
.background{ background-color:#1D7A8D }
```

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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