

Converting Colors

Hex(1D7E9B)

Have a look what the booklet for
Hex(1D7E9B) contains.

Hex(1D7E9B)	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(1D7E9B)

Conversions

Conversions Part 1

Format	Color
Hex	1D7E9B
RGB	29, 126, 155
RGB Percent	11%, 49%, 61%
CMY	0.8863, 0.5059, 0.3922
CMYK	0.81, 0.19, 0.00, 0.39
HSL	194°, 68%, 36%
HSV	194°, 81%, 61%
XYZ	13.8839, 17.5495, 33.6660
YIQ	100.3030, -67.1210, -11.5450

Conversions

Conversions Part 2

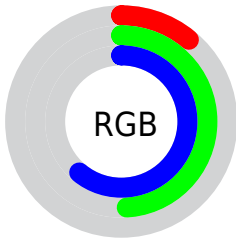
Format	Color
R_{YB}	29, 84, 155
Decimal	1932955
CIE _{Lab}	48.95, -16.61, -23.27
CIE _{LCh}	49, 28.586, 234.478
Yxy	17.5495, 0.2133, 0.2696
Android (android.graphics.Color)	4280123035 (0xFF1D7E9B)
YUV	100.3030, 26.9656, -62.5327
Hunter-Lab	41.8921, -14.1524, -18.3231

Details

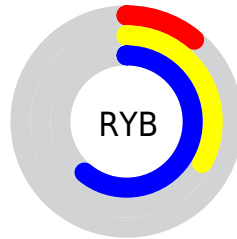
The Hex color **1D7E9B** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9B3A1D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **60B3D2**, and **004D68** is the 20% darker color. If you saturate the color by 10%, you get **0E7A9B**, and if you desaturate by 10%, it is **2D829B**.

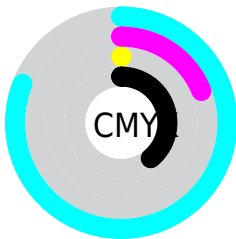
Distribution



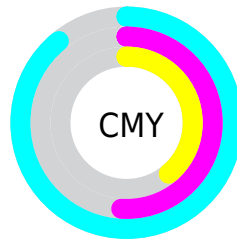
- Red (11%)
- Green (49%)
- Blue (61%)



- Red (11%)
- Yellow (33%)
- Blue (61%)



- Cyan (81%)
- Magenta (19%)
- Yellow (0%)
- Black (39%)



- Cyan (89%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D7E9B 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 1D7E9B by changing the saturation by 10% instead.

1D7E9B

1D7E9B

FFFFFF

006581

60B3D2

004D68

7DCEEE

003650

9AEBFF

002138

B7FFFF

000223

D4FFFF

00000A

F2FFFF

000000

1D7E9B

1D7E9B

0E7A9B

2D829B

00779B

3C859B

4C899B

5B8C9B

6B909B

7A939B

8A979B

999B9B

A99E9B

Harmonies

Analogous

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



0F8187



1D7E9B



4978A4

Triad

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



1D7E9B



A0627A



707947

Complementary

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



1D7E9B



9B3A1D

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.



887144



1D7E9B



A36361

Square

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



1D7E9B



8F6791



9A694E



547E57

Rectangle

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



1D7E9B



6473A3



9A694E



797745

Sweetspot

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



1D7E9B



99BEC9



1D9B38



485F66



E6E6E6



666666

Same Dimension

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



1D7E9B



049CC9



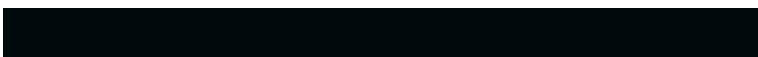
1D419B



454B4D



006C8C



000A0D

Inverse Universe

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



9B1D7E



C9049C



9B771D



4D454B



8C006C



0D000A

Previews

White Background



This preview shows how the Hex color 1D7E9B looks on a white background.

Color Contrast Check

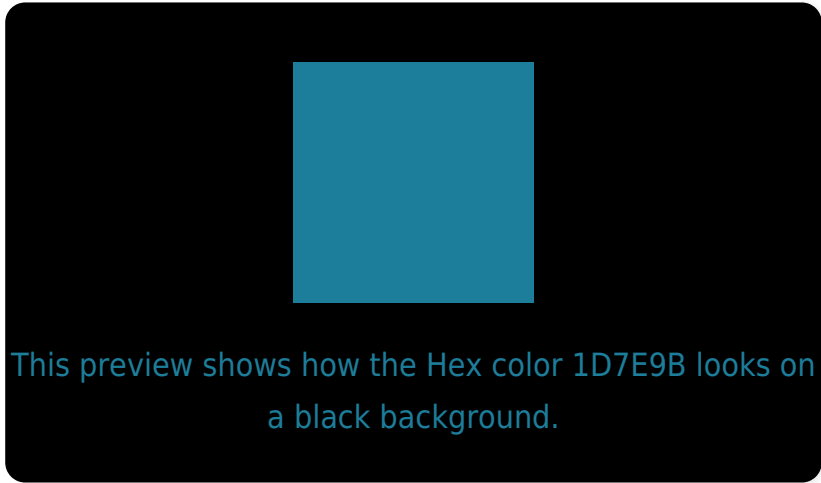
Large Text (above 18pt) WCAG AA ✓ Pass

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

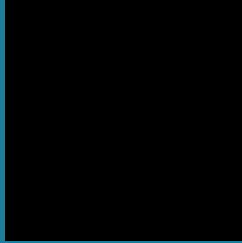
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1D7E9B Background



This preview shows how black text looks on a background with the Hex color 1D7E9B.



This preview shows how white text looks on a background with the Hex color 1D7E9B.

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](#).

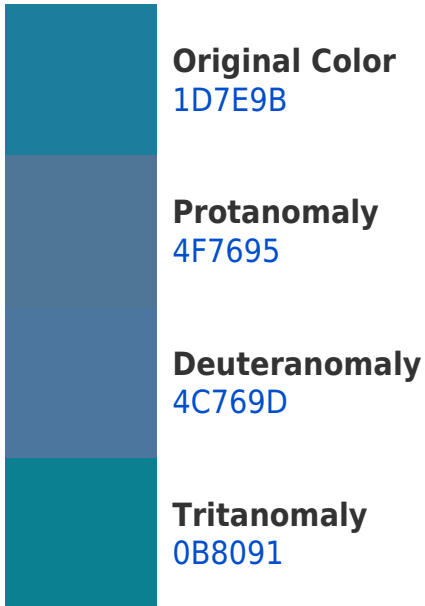
Dichromacy



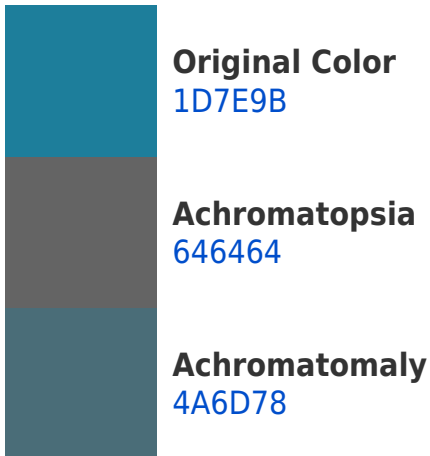


Tritanopia
00818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D7E9B 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 #1D7E9B looks like.

```
.text, #text, p{  
    color:#1D7E9B  
}
```

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 #1D7E9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D7E9B
}
```

Border

The CSS property to change the border of an element to Hex 1D7E9B 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
#1D7E9B }
```

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

```
.border{ border-color:#1D7E9B }
```

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

Here you see how a box with a 4 pixel #1D7E9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D7E9B; -webkit-box-shadow:4px 4px  
4px 4px #1D7E9B; box-shadow:4px 4px 4px  
4px #1D7E9B }
```

Background

The CSS property to change the background color of an element to Hex 1D7E9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D7E9B }
```

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

```
.background{ background-color:#1D7E9B }
```

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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