

Converting Colors

Hex(1D7F83)

Have a look what the booklet for
Hex(1D7F83) contains.

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Color

Hex(1D7F83)

Conversions

Conversions Part 1

Format	Color
Hex	1D7F83
RGB	29, 127, 131
RGB Percent	11%, 50%, 51%
CMY	0.8863, 0.5020, 0.4863
CMYK	0.78, 0.03, 0.00, 0.49
HSL	182°, 64%, 31%
HSV	182°, 78%, 51%
XYZ	12.1928, 17.0786, 24.1266
YIQ	98.1540, -59.6920, -19.5320

Conversions

Conversions Part 2

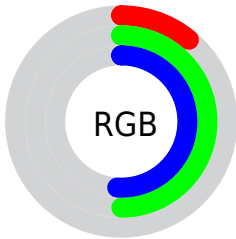
Format	Color
R_{YB}	29, 79, 131
Decimal	1933187
CIE _{Lab}	48.36, -25.24, -10.06
CIE _{LCh}	48, 27.172, 201.733
Yxy	17.0786, 0.2283, 0.3198
Android (android.graphics.Color)	4280123267 (0xFF1D7F83)
YUV	98.1540, 16.1931, -60.6481
Hunter-Lab	41.3263, -19.6569, -5.6855

Details

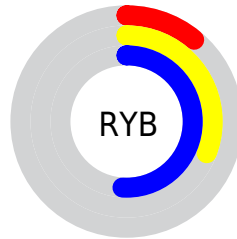
The Hex color **1D7F83** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **83211D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5DB4B8**, and **004D52** is the 20% darker color. If you saturate the color by 10%, you get **107E83**, and if you desaturate by 10%, it is **2A8083**.

Distribution



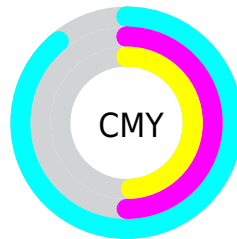
- Red (11%)
- Green (50%)
- Blue (51%)



- Red (11%)
- Yellow (31%)
- Blue (51%)



- Cyan (78%)
- Magenta (3%)
- Yellow (0%)
- Black (49%)



- Cyan (89%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D7F83 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 1D7F83 by changing the saturation by 10% instead.

■ 1D7F83

■ 1D7F83

FFFFFF

■ 00666A

■ 5DB4B8

■ 004D52

■ 79D0D4

■ 00363B

■ 95ECF0

■ 002225

■ B2FFFF

■ 000110

■ CFFFFF

■ 000000

■ ECFFFF

■ 1D7F83

■ 1D7F83

■ 107E83

■ 2A8083

■ 037E83

■ 378083

■ 007E83

■ 448183

■ 518183

■ 5E8283

■ 6C8283

■ 798383

■ 868383

■ 938483

Harmonies

Analogous

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



3A7F6B



1D7F83



227C96

Triad

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



1D7F83



8A678F



886F45

Complementary

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



1D7F83



83211D

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.



996750



1D7F83



9B627A

Square

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



1D7F83



6C6F9D



A06263



717747

Rectangle

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



1D7F83



3A799E



A06263



8E6D48

Sweetspot

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



1D7F83



84A9AB



1D8320



3E5657



D6D6D6



575757

Same Dimension

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



1D7F83



0CA5AB



1D4D83



3C4242



007D82



000203

Inverse Universe

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



831D7F



AB0CA5



83531D



423C42



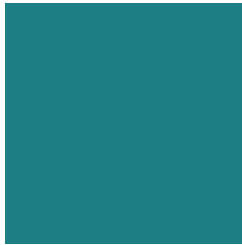
82007D



030002

Previews

White Background



This preview shows how the Hex color 1D7F83 looks on a white background.

Color Contrast Check

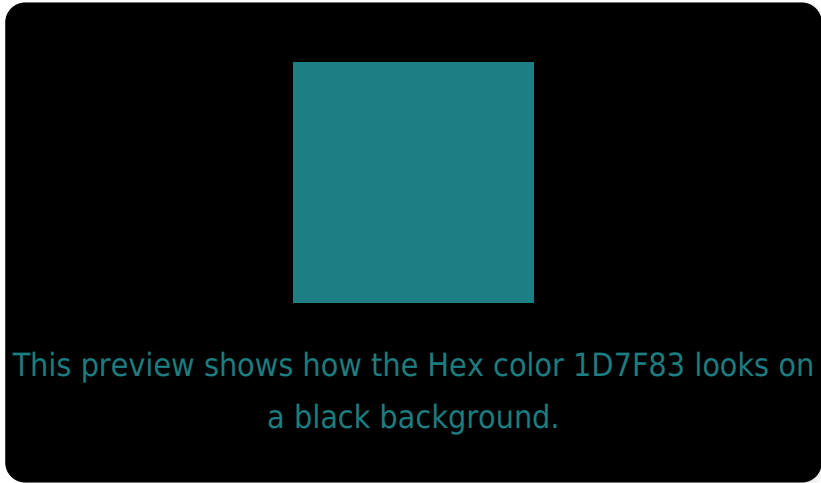
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D7F83 Background



This preview shows how black text looks on a background with the Hex color 1D7F83.

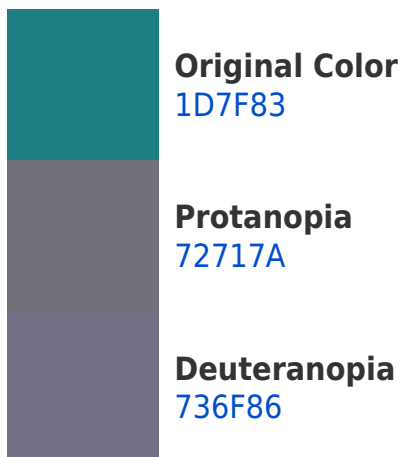


This preview shows how white text looks on a background with the Hex color 1D7F83.

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](#).

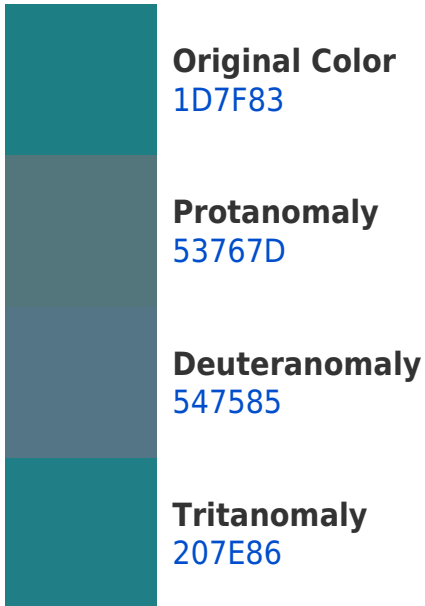
Dichromacy



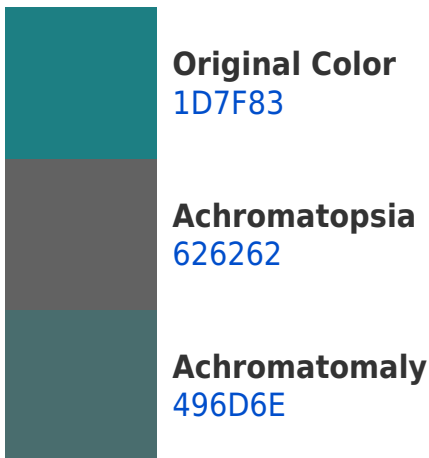


Tritanopia
227E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D7F83 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 #1D7F83 looks like.

```
.text, #text, p{  
    color:#1D7F83  
}
```

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 #1D7F83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D7F83
}
```

Border

The CSS property to change the border of an element to Hex 1D7F83 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
#1D7F83 }
```

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

```
.border{ border-color:#1D7F83 }
```

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

Here you see how a box with a 4 pixel #1D7F83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D7F83; -webkit-box-shadow:4px 4px  
4px 4px #1D7F83; box-shadow:4px 4px 4px  
4px #1D7F83 }
```

Background

The CSS property to change the background color of an element to Hex 1D7F83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D7F83 }
```

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

```
.background{ background-color:#1D7F83 }
```

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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