

Converting Colors

Hex(1D807D)

Have a look what the booklet for
Hex(1D807D) contains.

Hex(1D807D)	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(1D807D)

Conversions

Conversions Part 1

Format	Color
Hex	1D807D
RGB	29, 128, 125
RGB Percent	11%, 50%, 49%
CMY	0.8863, 0.4980, 0.5098
CMYK	0.77, 0.00, 0.02, 0.50
HSL	178°, 63%, 31%
HSV	178°, 77%, 50%
XYZ	11.9275, 17.1802, 22.0895
YIQ	98.0570, -58.0410, -21.9210

Conversions

Conversions Part 2

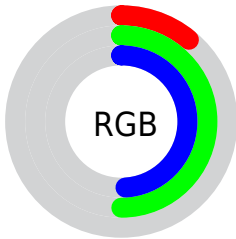
Format	Color
R_{YB}	29, 79, 128
Decimal	1933437
CIE _{Lab}	48.49, -27.63, -6.33
CIE _{LCh}	48, 28.348, 192.913
Yxy	17.1802, 0.2330, 0.3356
Android (android.graphics.Color)	4280123517 (0xFF1D807D)
YUV	98.0570, 13.2829, -60.5630
Hunter-Lab	41.4490, -21.1699, -2.5832

Details

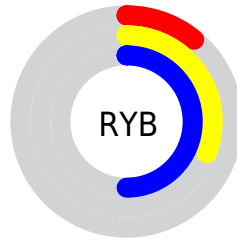
The Hex color **1D807D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **801D20**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5CB5B2**, and **004E4C** is the 20% darker color. If you saturate the color by 10%, you get **10807D**, and if you desaturate by 10%, it is **2A807D**.

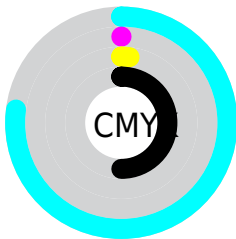
Distribution



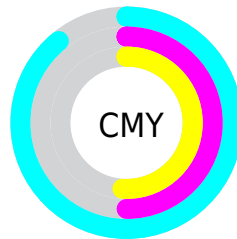
- Red (11%)
- Green (50%)
- Blue (49%)



- Red (11%)
- Yellow (31%)
- Blue (50%)



- Cyan (77%)
- Magenta (0%)
- Yellow (2%)
- Black (50%)



- Cyan (89%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D807D 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 1D807D by changing the saturation by 10% instead.

 1D807D

 1D807D

FFFFFF

 006764

 5CB5B2

 004E4C

 78D1CD

 003736

 94EDE9

 002220

 B1FFFF

 000009

 CEFFFF

 000000

 EBFFFF

 1D807D

 1D807D

 10807D

 2A807D

■ 03807C

■ 37807E

■ 00807C

■ 43807E

■ 50807F

■ 5D807F

■ 6A807F

■ 778080

■ 838080

■ 908080

Harmonies

Analogous

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



407F64



1D807D



0E7E93

Triad

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



1D807D



836996



8F6D46

Complementary

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



1D807D



801D20

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.



9E6554



1D807D



996282

Square

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



1D807D



6172A2



A2616A



797544

Rectangle

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



1D807D



297B9D



A2616A



956A49

Sweetspot

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



1D807D



80A6A5



20801D



3D5453



D4D4D4



545454

Same Dimension

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



1D807D



0CA6A1



1D5280



394040



00807C



000000

Inverse Universe

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



801D20



A60C10



804B1D



40393A



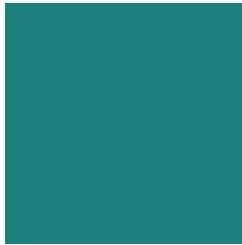
800004



000000

Previews

White Background



This preview shows how the Hex color 1D807D looks on a white background.

Color Contrast Check

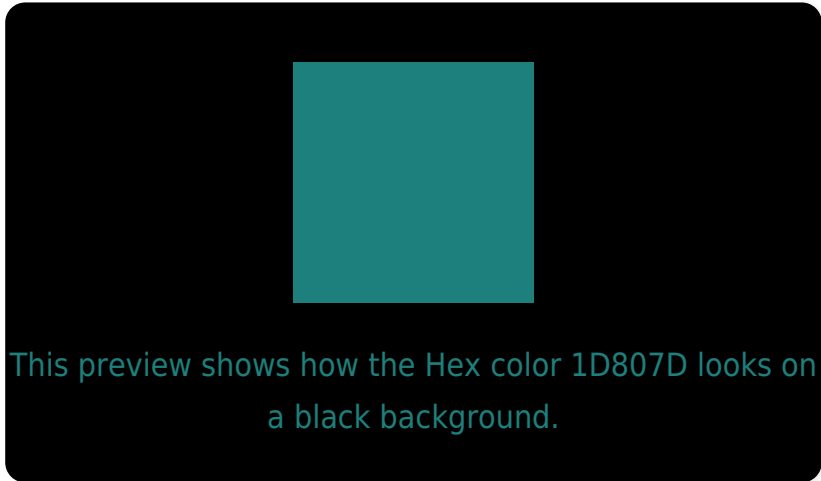
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D807D Background



This preview shows how black text looks on a background with the Hex color 1D807D.

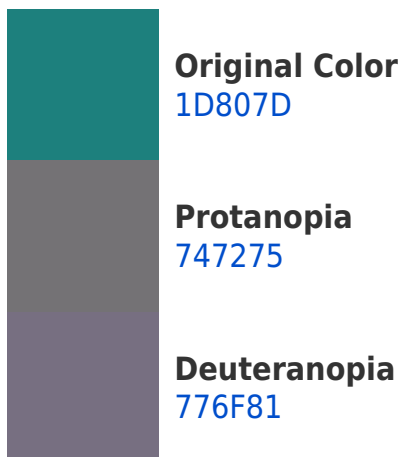


This preview shows how white text looks on a background with the Hex color 1D807D.

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
267E89

Trichromacy



Original Color
1D807D



Protanomaly
547778



Deuteranomaly
567580



Tritanomaly
237F85

Monochromacy



Original Color
1D807D



Achromatopsia
626262



Achromatomaly
496D6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D807D 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 #1D807D looks like.

```
.text, #text, p{  
    color:#1D807D  
}
```

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 #1D807D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D807D
}
```

Border

The CSS property to change the border of an element to Hex 1D807D 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
#1D807D }
```

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

```
.border{ border-color:#1D807D }
```

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

Here you see how a box with a 4 pixel #1D807D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D807D; -webkit-box-shadow:4px 4px  
4px 4px #1D807D; box-shadow:4px 4px 4px  
4px #1D807D }
```

Background

The CSS property to change the background color of an element to Hex 1D807D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D807D }
```

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

```
.background{ background-color:#1D807D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor