

Converting Colors

Hex(1D7687)

Have a look what the booklet for
Hex(1D7687) contains.

Hex(1D7687)	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(1D7687)

Conversions

Conversions Part 1

Format	Color
Hex	1D7687
RGB	29, 118, 135
RGB Percent	11%, 46%, 53%
CMY	0.8863, 0.5373, 0.4706
CMYK	0.79, 0.13, 0.00, 0.47
HSL	190°, 65%, 32%
HSV	190°, 79%, 53%
XYZ	11.3583, 14.9673, 25.2120
YIQ	93.3270, -58.5010, -13.5810

Conversions

Conversions Part 2

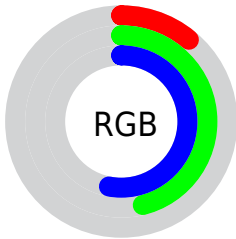
Format	Color
R_{YB}	29, 77, 135
Decimal	1930887
CIE _{Lab}	45.59, -19.19, -16.62
CIE _{LCh}	46, 25.391, 220.900
Yxy	14.9673, 0.2204, 0.2904
Android (android.graphics.Color)	4280120967 (0xFF1D7687)
YUV	93.3270, 20.5448, -56.4148
Hunter-Lab	38.6877, -15.2976, -11.5568

Details

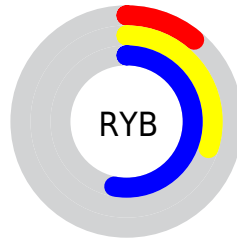
The Hex color **1D7687** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **872E1D**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5CAABC**, and **004555** is the 20% darker color. If you saturate the color by 10%, you get **107487**, and if you desaturate by 10%, it is **2B7887**.

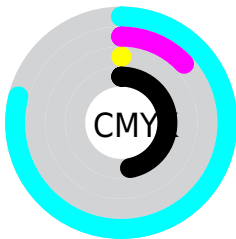
Distribution



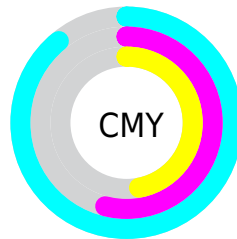
- Red (11%)
- Green (46%)
- Blue (53%)



- Red (11%)
- Yellow (30%)
- Blue (53%)



- Cyan (79%)
- Magenta (13%)
- Yellow (0%)
- Black (47%)



- Cyan (89%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D7687 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 1D7687 by changing the saturation by 10% instead.

 1D7687

 1D7687

FFFFFF

 005D6E

 5CAABC

 004555

 78C6D8

 002F3E

 94E2F4

 001C28

 B1FFFF

 000113

 CEFFFF

 000000

 EBFFFF

 1D7687

 1D7687

 107487

 2B7887

■ 027287

■ 387A87

■ 007187

■ 467C87

■ 537F87

■ 618187

■ 6E8387

■ 7B8587

■ 898787

■ 968987

Harmonies

Analogous

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



277773



1D7687



387294

Triad

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



1D7687



8D5D7A



736D42

Complementary

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



1D7687



872E1D

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.



866644



1D7687



955C65

Square

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



1D7687



78648C



925F51



5B734B

Rectangle

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



1D7687



4F6E96



925F51



7A6B41

Sweetspot

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



1D7687



86A9B0



1D872D



3F5559



D9D9D9



595959

Same Dimension

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



1D7687



0B95B0



1D4287



3C4142



006D82



000203

Inverse Universe

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



871D76



B00B95



87621D



423C41



82006D



030002

Previews

White Background



This preview shows how the Hex color 1D7687 looks on a white background.

Color Contrast Check

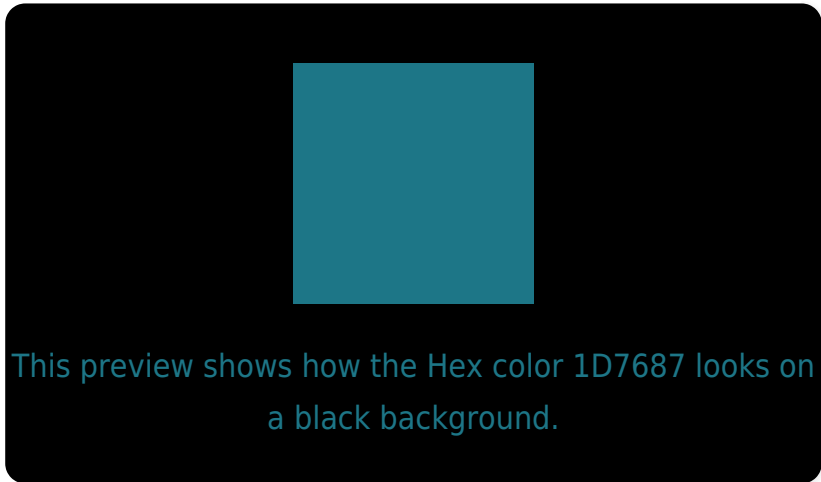
Large Text (above 18pt) WCAG AA ✓ Pass

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

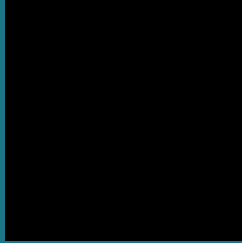
Any Text WCAG AA × Fail

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 1D7687 Background



This preview shows how black text looks on a background with the Hex color 1D7687.

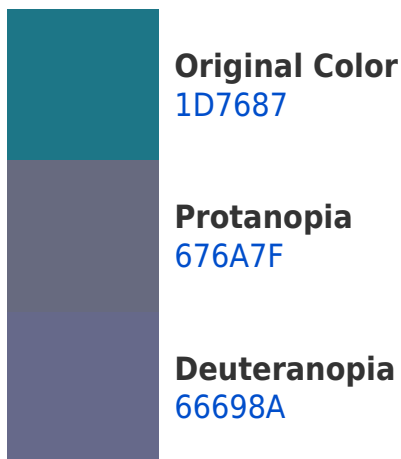


This preview shows how white text looks on a background with the Hex color 1D7687.

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
177781

Trichromacy



Original Color
1D7687

Protanomaly
4C6E82

Deuteranomaly
4B6E89

Tritanomaly
197783

Monochromacy



Original Color
1D7687

Achromatopsia
5D5D5D

Achromatomaly
46666C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D7687 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 #1D7687 looks like.

```
.text, #text, p{  
    color:#1D7687  
}
```

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 #1D7687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D7687  
}
```

Border

The CSS property to change the border of an element to Hex 1D7687 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  
#1D7687 }
```

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

```
.border{ border-color:#1D7687 }
```

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

Here you see how a box with a 4 pixel #1D7687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D7687; -webkit-box-shadow:4px 4px  
4px 4px #1D7687; box-shadow:4px 4px 4px  
4px #1D7687 }
```

Background

The CSS property to change the background color of an element to Hex 1D7687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D7687 }
```

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

```
.background{ background-color:#1D7687 }
```

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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