

Converting Colors

Hex(1D767A)

Have a look what the booklet for
Hex(1D767A) contains.

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Color

Hex(1D767A)

Conversions

Conversions Part 1

Format	Color
Hex	1D767A
RGB	29, 118, 122
RGB Percent	11%, 46%, 48%
CMY	0.8863, 0.5373, 0.5216
CMYK	0.76, 0.03, 0.00, 0.52
HSL	183°, 62%, 30%
HSV	183°, 76%, 48%
XYZ	10.4980, 14.6232, 20.6816
YIQ	91.8450, -54.3280, -17.6240

Conversions

Conversions Part 2

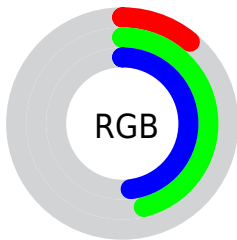
Format	Color
R_{YB}	29, 74, 122
Decimal	1930874
CIE _{Lab}	45.11, -23.52, -9.60
CIE _{LCh}	45, 25.407, 202.196
Yxy	14.6232, 0.2292, 0.3193
Android (android.graphics.Color)	4280120954 (0xFF1D767A)
YUV	91.8450, 14.8664, -55.1151
Hunter-Lab	38.2403, -17.9176, -5.2978

Details

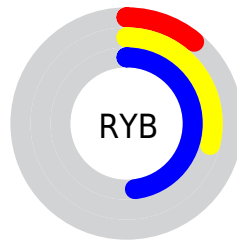
The Hex color **1D767A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7A211D**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5AABAE**, and **004549** is the 20% darker color. If you saturate the color by 10%, you get **11757A**, and if you desaturate by 10%, it is **29777A**.

Distribution



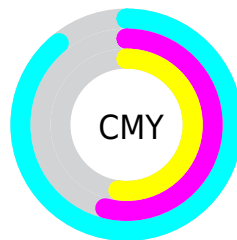
- Red (11%)
- Green (46%)
- Blue (48%)



- Red (11%)
- Yellow (29%)
- Blue (48%)



- Cyan (76%)
- Magenta (3%)
- Yellow (0%)
- Black (52%)



- Cyan (89%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D767A 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 1D767A by changing the saturation by 10% instead.

 1D767A

 1D767A

FFFFFF

 005D61

 5AABAE

 004549

 76C6CA

 002E33

 92E2E6

 001B1E

 AEFFFF

 000003


 CBFFFF

 000000

 E8FFFF

 1D767A

 1D767A

 11757A

 29777A

■ 05757A

■ 35777A

■ 00757A

■ 42787A

■ 4E787A

■ 5A797A

■ 66797A

■ 727A7A

■ 7F7A7A

■ 8B7B7A

Harmonies

Analogous

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



367664



1D767A



23748C

Triad

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



1D767A



806085



7E6841

Complementary

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



1D767A



7A211D

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.



8D604A



1D767A



905B71

Square

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



1D767A



656792



945B5C



696E43

Rectangle

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



1D767A



387093



945B5C



846543

Sweetspot

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



1D767A



7A9D9E



1D7A20



394E4F



CFCFCF



4F4F4F

Same Dimension

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



1D767A



0E989E



1D487A



373D3D



00787D



00F2FC

Inverse Universe

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



7A1D76



9E0E98



7A4F1D



3D373D



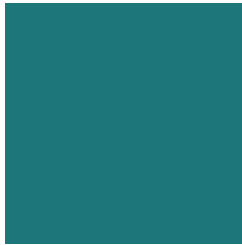
7D0078



FC00F2

Previews

White Background



This preview shows how the Hex color 1D767A looks on a white background.

Color Contrast Check

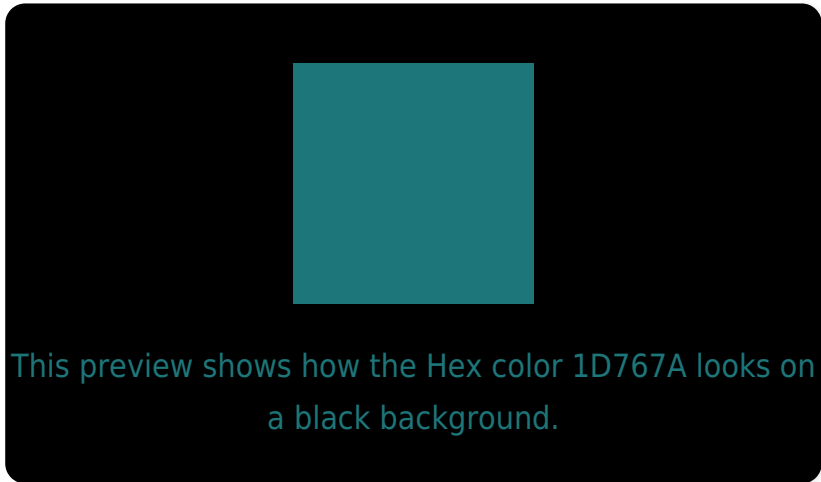
Large Text (above 18pt) WCAG AA ✓ Pass

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

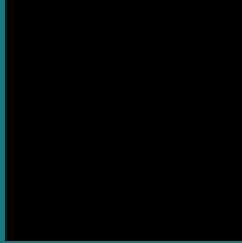
Any Text WCAG AA × Fail

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 1D767A Background



This preview shows how black text looks on a background with the Hex color 1D767A.



This preview shows how white text looks on a background with the Hex color 1D767A.

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



Original Color
1D767A

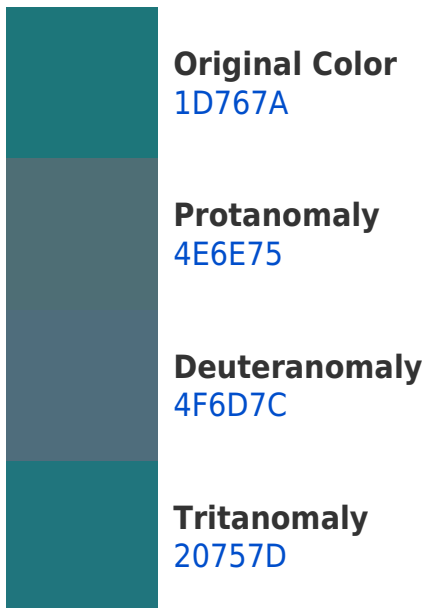
Protanopia
6A6A72

Deuteranopia
6B687D

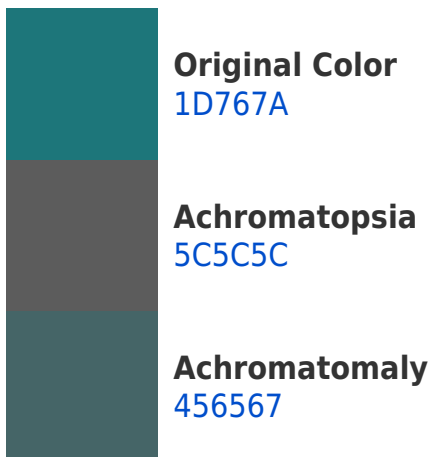


Tritanopia
21757F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D767A 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 #1D767A looks like.

```
.text, #text, p{  
    color:#1D767A  
}
```

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 #1D767A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D767A
}
```

Border

The CSS property to change the border of an element to Hex 1D767A 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
#1D767A }
```

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

```
.border{ border-color:#1D767A }
```

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

Here you see how a box with a 4 pixel #1D767A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D767A; -webkit-box-shadow:4px 4px  
4px 4px #1D767A; box-shadow:4px 4px 4px  
4px #1D767A }
```

Background

The CSS property to change the background color of an element to Hex 1D767A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D767A }
```

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

```
.background{ background-color:#1D767A }
```

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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