

Converting Colors

Hex(1A7866)

Have a look what the booklet for
Hex(1A7866) contains.

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Color

Hex(1A7866)

Conversions

Conversions Part 1

Format	Color
Hex	1A7866
RGB	26, 120, 102
RGB Percent	10%, 47%, 40%
CMY	0.8980, 0.5294, 0.6000
CMYK	0.78, 0.00, 0.15, 0.53
HSL	169°, 64%, 29%
HSV	169°, 78%, 47%
XYZ	9.5407, 14.6119, 14.8879
YIQ	89.8420, -50.2460, -25.5260

Conversions

Conversions Part 2

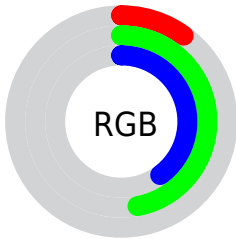
Format	Color
R_{YB}	26, 78, 120
Decimal	1734758
CIE Lab	45.10, -30.98, 2.31
CIE LCh	45, 31.066, 175.744
Yxy	14.6119, 0.2444, 0.3743
Android (android.graphics.Color)	4279924838 (0xFF1A7866)
YUV	89.8420, 5.9939, -55.9894
Hunter-Lab	38.2255, -22.3425, 3.6658

Details

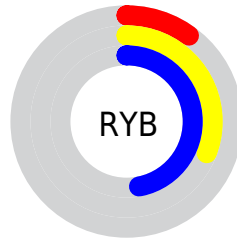
The Hex color **1A7866** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **781A2C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **57AD99**, and **004737** is the 20% darker color. If you saturate the color by 10%, you get **0E7864**, and if you desaturate by 10%, it is **267868**.

Distribution



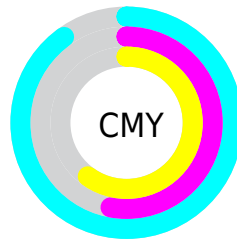
- Red (10%)
- Green (47%)
- Blue (40%)



- Red (10%)
- Yellow (31%)
- Blue (47%)



- Cyan (78%)
- Magenta (0%)
- Yellow (15%)
- Black (53%)



- Cyan (90%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A7866 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 1A7866 by changing the saturation by 10% instead.

 1A7866

 1A7866


FFFFFF

 005F4E

 57AD99

 004737

 72C9B4

 002F22

 8EE5CF

 001B0C

 AAFEB

 000000

 C7FFF

 E4FFF

 1A7866

 1A7866

 0E7864

 267868

■ 027861

■ 32786B

■ 007861

■ 3E786D

■ 4A786F

■ 567871

■ 627874

■ 6E7876

■ 7A7878

■ 86787B

Harmonies

Analogous

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



45754D



1A7866



007880

Triad

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



1A7866



686599



925F41

Complementary

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



1A7866



781A2C

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.



9C5756



1A7866



885C88

Square

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



1A7866



3A6E9E



99566F



7E6836

Rectangle

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



1A7866



00768F



99566F



965C47

Sweetspot

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



1A7866



769C94



2D781A



384F4B



CFCFCF



4F4F4F

Same Dimension

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



1A7866



099C80



1A5C78



373D3C



007D65



00FCCC

Inverse Universe

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



781A2C



9C0925



78361A



3D3738



7D0018



FC0030

Previews

White Background



This preview shows how the Hex color 1A7866 looks on a white background.

Color Contrast Check

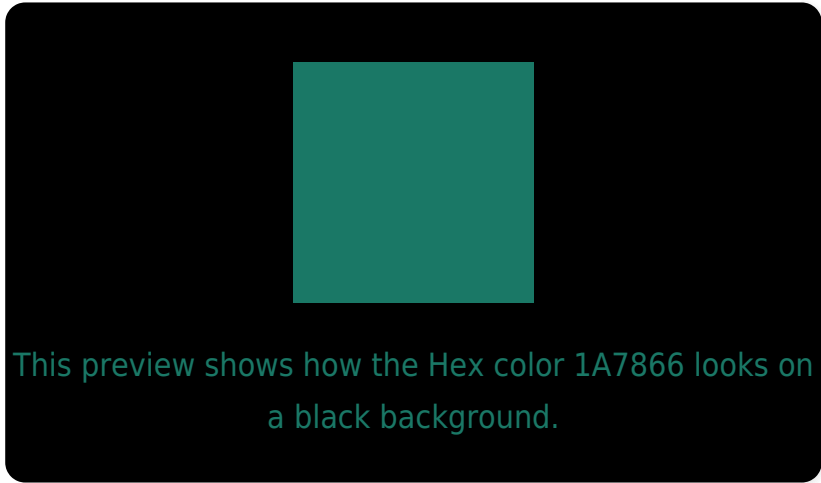
Large Text (above 18pt) WCAG AA ✓ Pass

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

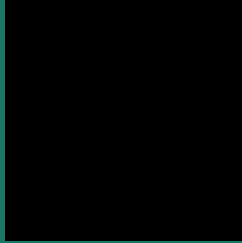
Any Text WCAG AA × Fail

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 1A7866 Background



This preview shows how black text looks on a background with the Hex color 1A7866.



This preview shows how white text looks on a background with the Hex color 1A7866.

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
1A7866

Protanopia
6F6A5E

Deuteranopia
74676A



Tritanopia
29757E

Trichromacy



Original Color
1A7866

Protanomaly
506F61

Deuteranomaly
536D69

Tritanomaly
247675

Monochromacy



Original Color
1A7866

Achromatopsia
5A5A5A

Achromatomaly
43655E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A7866 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 #1A7866 looks like.

```
.text, #text, p{  
    color:#1A7866  
}
```

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 #1A7866 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A7866  
}
```

Border

The CSS property to change the border of an element to Hex 1A7866 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  
#1A7866 }
```

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

```
.border{ border-color:#1A7866 }
```

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

Here you see how a box with a 4 pixel #1A7866 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A7866; -webkit-box-shadow:4px 4px  
4px 4px #1A7866; box-shadow:4px 4px 4px  
4px #1A7866 }
```

Background

The CSS property to change the background color of an element to Hex 1A7866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A7866 }
```

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

```
.background{ background-color:#1A7866 }
```

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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