

Converting Colors

Hex(1C7E6A)

Have a look what the booklet for
Hex(1C7E6A) contains.

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Color

Hex(1C7E6A)

Conversions

Conversions Part 1

Format	Color
Hex	1C7E6A
RGB	28, 126, 106
RGB Percent	11%, 49%, 42%
CMY	0.8902, 0.5059, 0.5843
CMYK	0.78, 0.00, 0.16, 0.51
HSL	168°, 64%, 30%
HSV	168°, 78%, 49%
XYZ	10.5413, 16.2092, 16.2088
YIQ	94.4180, -51.9880, -26.9960

Conversions

Conversions Part 2

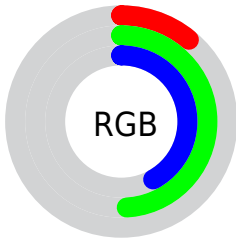
Format	Color
RYB	28, 83, 126
Decimal	1867370
CIELab	47.25, -32.39, 3.05
CIElCh	47, 32.536, 174.619
Yxy	16.2092, 0.2454, 0.3773
Android (android.graphics.Color)	4280057450 (0xFF1C7E6A)
YUV	94.4180, 5.7099, -58.2486
Hunter-Lab	40.2606, -23.7203, 4.3125




Details

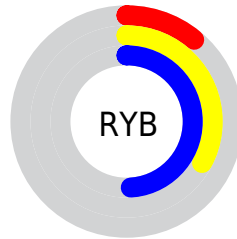
The Hex color **1C7E6A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7E1C30**, and the grayscale version is **5E5E5E**.




A 20% lighter version of the original color is **59B39D**, and **004C3B** is the 20% darker color. If you saturate the color by 10%, you get **0F7E67**, and if you desaturate by 10%, it is **297E6D**.

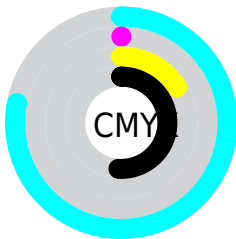
Distribution







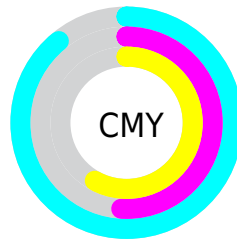
-  Red (11%)
-  Green (49%)
-  Blue (42%)






-  Red (11%)
-  Yellow (33%)
-  Blue (49%)



-  Cyan (78%)
-  Magenta (0%)
-  Yellow (16%)
-  Black (51%)



-  Cyan (89%)
-  Magenta (51%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C7E6A 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 1C7E6A by changing the saturation by 10% instead.

 1C7E6A

 1C7E6A

FFFFFF

 006552

 59B39D

 004C3B

 75CFB8

 003525

 91ECD4

 002110

 ADFFF0

 000000

 CAFFFF

 E7FFFF

 1C7E6A

 1C7E6A

 0F7E67

 297E6D

■ 037E65

■ 357E6F

■ 007E64

■ 427E72

■ 4E7E74

■ 5B7E77

■ 687E79

■ 747E7C

■ 817E7F

■ 8D7E81

Harmonies

Analogous

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



4A7B4F



1C7E6A



007E86

Triad

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



1C7E6A



6B6BA2



9A6344

Complementary

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



1C7E6A



7E1C30

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.



A45B5B



1C7E6A



8E6190

Square

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



1C7E6A



3974A6



A15A76



866D39

Rectangle

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



1C7E6A



007C96



A15A76



9F604B

Sweetspot

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



1C7E6A



7EA39C



317E1C



3B524D



D1D1D1



525252

Same Dimension

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



1C7E6A



0BA384



1C627E



39403E



008065



000000

Inverse Universe

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



7E1C30



A30B2A



7E381C



40393B



80001A



000000

Previews

White Background



This preview shows how the Hex color 1C7E6A looks on a white background.

Color Contrast Check

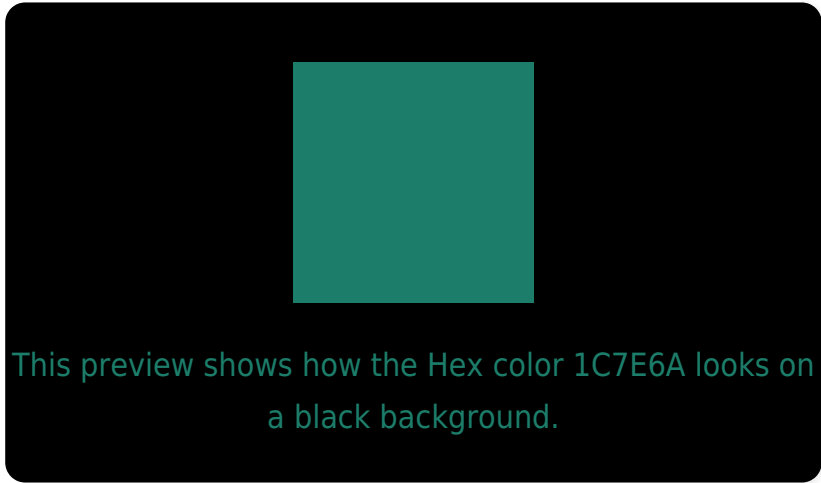
Large Text (above 18pt) WCAG AA ✓ Pass

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

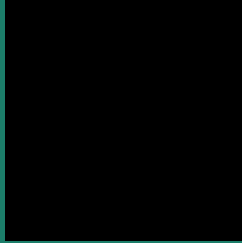
Any Text WCAG AA × Fail

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 1C7E6A Background



This preview shows how black text looks on a background with the Hex color 1C7E6A.

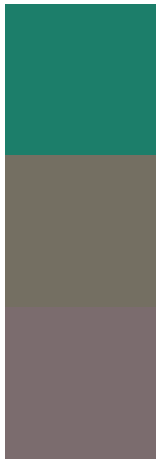


This preview shows how white text looks on a background with the Hex color 1C7E6A.

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
1C7E6A

Protanopia
746F62

Deuteranopia
7B6C6E

Trichromacy



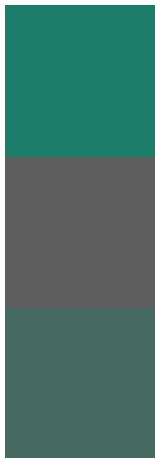
Original Color
1C7E6A

Protanomaly
547465

Deuteranomaly
58736D

Tritanomaly
267B7B

Monochromacy



Original Color
1C7E6A

Achromatopsia
5E5E5E

Achromatomaly
466A62

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C7E6A 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 #1C7E6A looks like.

```
.text, #text, p{  
    color:#1C7E6A  
}
```

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 #1C7E6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C7E6A
}
```

Border

The CSS property to change the border of an element to Hex 1C7E6A 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
#1C7E6A }
```

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

```
.border{ border-color:#1C7E6A }
```

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

Here you see how a box with a 4 pixel #1C7E6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C7E6A; -webkit-box-shadow:4px 4px  
4px 4px #1C7E6A; box-shadow:4px 4px 4px  
4px #1C7E6A }
```

Background

The CSS property to change the background color of an element to Hex 1C7E6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C7E6A }
```

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

```
.background{ background-color:#1C7E6A }
```

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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