

Converting Colors

Hex(1C7775)

Have a look what the booklet for
Hex(1C7775) contains.

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Color

Hex(1C7775)

Conversions

Conversions Part 1

Format	Color
Hex	1C7775
RGB	28, 119, 117
RGB Percent	11%, 47%, 46%
CMY	0.8902, 0.5333, 0.5412
CMYK	0.76, 0.00, 0.02, 0.53
HSL	179°, 62%, 29%
HSV	179°, 76%, 47%
XYZ	10.2866, 14.7249, 19.1296
YIQ	91.5630, -53.5940, -19.9140

Conversions

Conversions Part 2

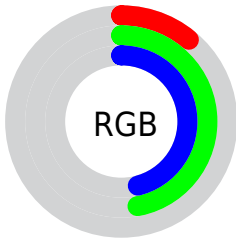
Format	Color
RYB	28, 74, 119
Decimal	1865589
CIELab	45.26, -25.75, -6.40
CIELCh	45, 26.538, 193.963
Yxy	14.7249, 0.2330, 0.3336
Android (android.graphics.Color)	4280055669 (0xFF1C7775)
YUV	91.5630, 12.5404, -55.7448
Hunter-Lab	38.3730, -19.3025, -2.6960

Details

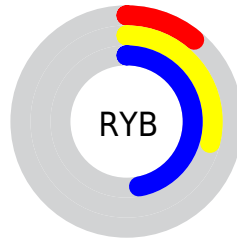
The Hex color **1C7775** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **771C1E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **59ACA9**, and **004645** is the 20% darker color. If you saturate the color by 10%, you get **107775**, and if you desaturate by 10%, it is **287775**.

Distribution



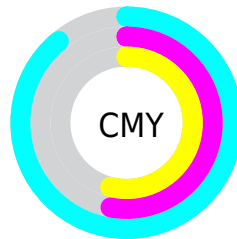
- Red (11%)
- Green (47%)
- Blue (46%)



- Red (11%)
- Yellow (29%)
- Blue (47%)



- Cyan (76%)
- Magenta (0%)
- Yellow (2%)
- Black (53%)



- Cyan (89%)
- Magenta (53%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C7775 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 1C7775 by changing the saturation by 10% instead.

 1C7775

 1C7775

FFFFFF

 005E5C

 59ACA9

 004645

 75C7C4

 002F2F

 91E3E0

 001C1A

 ADFFFD

 000000

 CAFFFF

 E7FFFF

 1C7775

 1C7775

 107775

 287775

■ 047774

■ 347776

■ 007774

■ 407776

■ 4C7776

■ 577776

■ 637777

■ 6F7777

■ 7B7777

■ 877777

Harmonies

Analogous

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



3B765E



1C7775



127589

Triad

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



1C7775



7B628B



846641

Complementary

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



1C7775



771C1E

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.



925E4D



1C7775



8F5B78

Square

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



1C7775



5C6A96



965A61



6F6D3F

Rectangle

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



1C7775



297392



965A61



8A6344

Sweetspot

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



1C7775



789C9B



1F771C



394F4F



CFCFCF



4F4F4F

Same Dimension

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



1C7775



0C9C98



1C4D77



353B3B



007A78



00FAF4

Inverse Universe

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



771C1E



9C0C10



77461C



3B3535



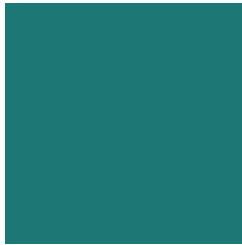
7A0003



FA0005

Previews

White Background



This preview shows how the Hex color 1C7775 looks on a white background.

Color Contrast Check

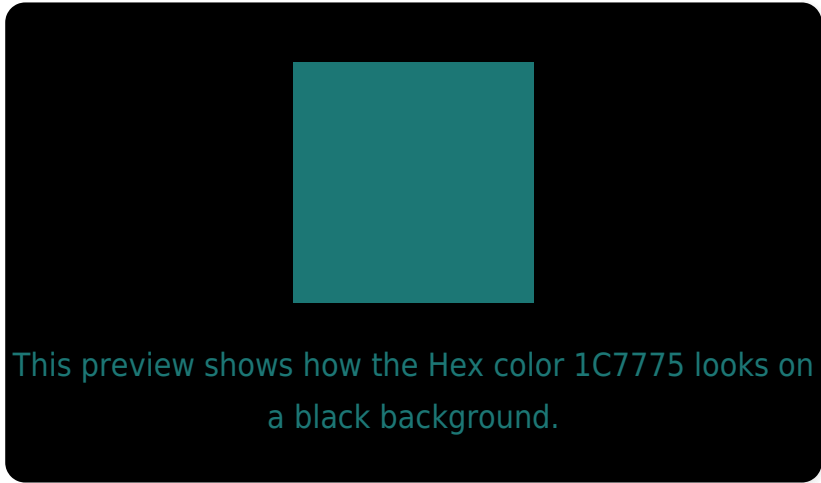
Large Text (above 18pt) WCAG AA ✓ Pass

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

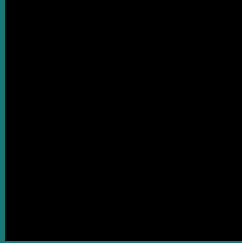
Any Text WCAG AA × Fail

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 1C7775 Background



This preview shows how black text looks on a background with the Hex color 1C7775.



This preview shows how white text looks on a background with the Hex color 1C7775.

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
1C7775

Protanopia
6C6A6D

Deuteranopia
6E6878



Tritanopia
23757F

Trichromacy



Original Color
1C7775

Protanomaly
4F6F70

Deuteranomaly
506D77

Tritanomaly
20767B

Monochromacy



Original Color
1C7775

Achromatopsia
5C5C5C

Achromatomaly
456665

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C7775 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 #1C7775 looks like.

```
.text, #text, p{  
    color:#1C7775  
}
```

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 #1C7775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C7775
}
```

Border

The CSS property to change the border of an element to Hex 1C7775 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
#1C7775 }
```

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

```
.border{ border-color:#1C7775 }
```

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

Here you see how a box with a 4 pixel #1C7775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C7775; -webkit-box-shadow:4px 4px  
4px 4px #1C7775; box-shadow:4px 4px 4px  
4px #1C7775 }
```

Background

The CSS property to change the background color of an element to Hex 1C7775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C7775 }
```

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

```
.background{ background-color:#1C7775 }
```

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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