

Converting Colors

Hex(1C777B)

Have a look what the booklet for
Hex(1C777B) contains.

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Color

Hex(1C777B)

Conversions

Conversions Part 1

Format	Color
Hex	1C777B
RGB	28, 119, 123
RGB Percent	11%, 47%, 48%
CMY	0.8902, 0.5333, 0.5176
CMYK	0.77, 0.03, 0.00, 0.52
HSL	183°, 63%, 30%
HSV	183°, 77%, 48%
XYZ	10.6509, 14.8706, 21.0478
YIQ	92.2470, -55.5200, -18.0480

Conversions

Conversions Part 2

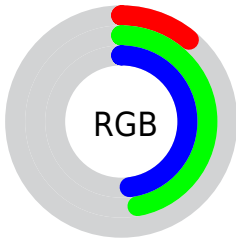
Format	Color
R_{YB}	28, 74, 123
Decimal	1865595
CIE _{Lab}	45.46, -23.84, -9.68
CIE _{LCh}	45, 25.733, 202.101
Yxy	14.8706, 0.2287, 0.3193
Android (android.graphics.Color)	4280055675 (0xFF1C777B)
YUV	92.2470, 15.1612, -56.3446
Hunter-Lab	38.5624, -18.1828, -5.3675

Details

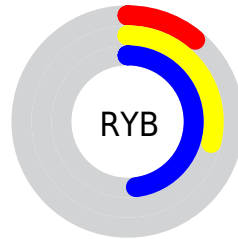
The Hex color **1C777B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7B201C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5AACAFA**, and **00464A** is the 20% darker color. If you saturate the color by 10%, you get **10767B**, and if you desaturate by 10%, it is **28787B**.

Distribution



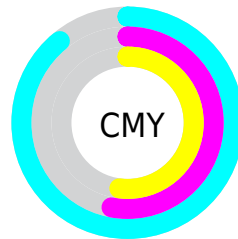
- Red (11%)
- Green (47%)
- Blue (48%)



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



- Cyan (77%)
- Magenta (3%)
- Yellow (0%)
- Black (52%)



- Cyan (89%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C777B 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 1C777B by changing the saturation by 10% instead.

 1C777B

 1C777B

FFFFFF

 005E62

 5AACAFA

 00464A

 76C7CB

 002F34

 92E3E7

 001C1F

 AEFFFF

 000004

 CBFFFF

 000000

 E8FFFF

 1C777B

 1C777B

 10767B

 28787B

03767B

35787B

00767B

41797B

4D797B

5A7A7B

667A7B

727B7B

7E7B7B

8B7C7B

Harmonies

Analogous

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



367765



1C777B



22758D

Triad

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



1C777B



816086



7F6841

Complementary

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



1C777B



7B201C

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.



8F614B



1C777B



925C72

Square

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



1C777B



666893



965C5D



6A6F43

Rectangle

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



1C777B



387194



965C5D



856643

Sweetspot

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



1C777B



7C9FA1



1C7B1F



3B5152



D1D1D1



525252

Same Dimension

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



1C777B



0B9AA1



1C487B



373D3D



00787D



00F2FC

Inverse Universe

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



7B1C77



A10B9A



7B4F1C



3D373D



7D0078



FC00F2

Previews

White Background



This preview shows how the Hex color 1C777B looks on a white background.

Color Contrast Check

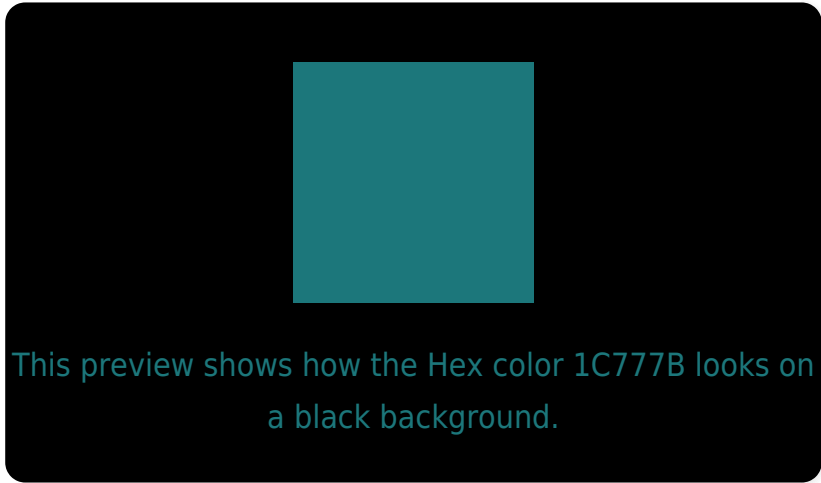
Large Text (above 18pt) WCAG AA ✓ Pass

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

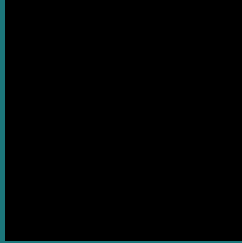
Any Text WCAG AA × Fail

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 1C777B Background



This preview shows how black text looks on a background with the Hex color 1C777B.



This preview shows how white text looks on a background with the Hex color 1C777B.

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
207680

Trichromacy



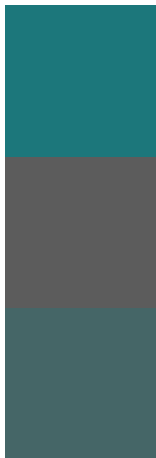
Original Color
1C777B

Protanomaly
4E6F76

Deuteranomaly
4F6E7D

Tritanomaly
1F767E

Monochromacy



Original Color
1C777B

Achromatopsia
5C5C5C

Achromatomaly
456667

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C777B 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 #1C777B looks like.

```
.text, #text, p{  
    color:#1C777B  
}
```

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 #1C777B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C777B
}
```

Border

The CSS property to change the border of an element to Hex 1C777B 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
#1C777B }
```

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

```
.border{ border-color:#1C777B }
```

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

Here you see how a box with a 4 pixel #1C777B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C777B; -webkit-box-shadow:4px 4px  
4px 4px #1C777B; box-shadow:4px 4px 4px  
4px #1C777B }
```

Background

The CSS property to change the background color of an element to Hex 1C777B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C777B }
```

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

```
.background{ background-color:#1C777B }
```

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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