

Converting Colors

Hex(1C6D77)

Have a look what the booklet for
Hex(1C6D77) contains.

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Color

Hex(1C6D77)

Conversions

Conversions Part 1

Format	Color
Hex	1C6D77
RGB	28, 109, 119
RGB Percent	11%, 43%, 47%
CMY	0.8902, 0.5725, 0.5333
CMYK	0.76, 0.08, 0.00, 0.53
HSL	187°, 62%, 29%
HSV	187°, 76%, 47%
XYZ	9.2773, 12.5161, 19.3796
YIQ	85.9210, -51.4860, -14.0620

Conversions

Conversions Part 2

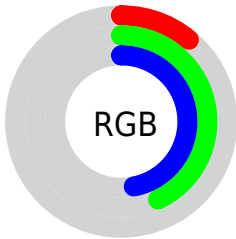
Format	Color
RYB	28, 71, 119
Decimal	1863031
CIELab	42.02, -19.89, -12.46
CIELCh	42, 23.473, 212.058
Yxy	12.5161, 0.2253, 0.3040
Android (android.graphics.Color)	4280053111 (0xFF1C6D77)
YUV	85.9210, 16.3079, -50.7967
Hunter-Lab	35.3780, -15.1029, -7.7137




Details

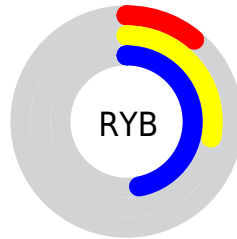
The Hex color **1C6D77** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **77261C**, and the grayscale version is **565656**.




A 20% lighter version of the original color is **58A1AB**, and **003D47** is the 20% darker color. If you saturate the color by 10%, you get **106C77**, and if you desaturate by 10%, it is **286E77**.

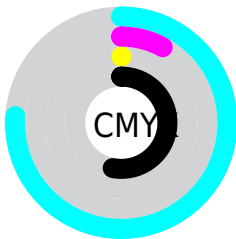
Distribution







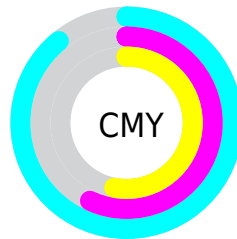
-  Red (11%)
-  Green (43%)
-  Blue (47%)






-  Red (11%)
-  Yellow (28%)
-  Blue (47%)



-  Cyan (76%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (89%)
-  Magenta (57%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C6D77 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 1C6D77 by changing the saturation by 10% instead.

 1C6D77

 1C6D77

FFFFFF

 00545E

 58A1AB

 003D47

 73BCC6

 002730

 8FD8E2

 000F1C

 ABF4FF

 000000

 C8FFFF

 E5FFFF

 1C6D77

 1C6D77

 106C77

 286E77

■ 046A77

■ 347077

■ 006A77

■ 407177

■ 4C7277

■ 577477

■ 637577

■ 6F7677

■ 7B7777

■ 877977

Harmonies

Analogous

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



2C6E64



1C6D77



2C6A85

Triad

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



1C6D77



7D5776



6F623C

Complementary

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



1C6D77



77261C

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.



7F5C42



1C6D77



885463

Square

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



1C6D77



675E84



885650



5A6842

Rectangle

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



1C6D77



406789



885650



75603D

Sweetspot

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



1C6D77



78989C



1C7725



394D4F



CFCFCF



4F4F4F

Same Dimension

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



1C6D77



0C8C9C



1C4077



353A3B



006D7A



00DEFA

Inverse Universe

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



771C6D



9C0C8C



77531C



3B353A



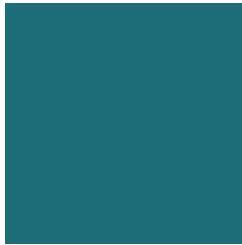
7A006D



FA00DE

Previews

White Background



This preview shows how the Hex color 1C6D77 looks on a white background.

Color Contrast Check

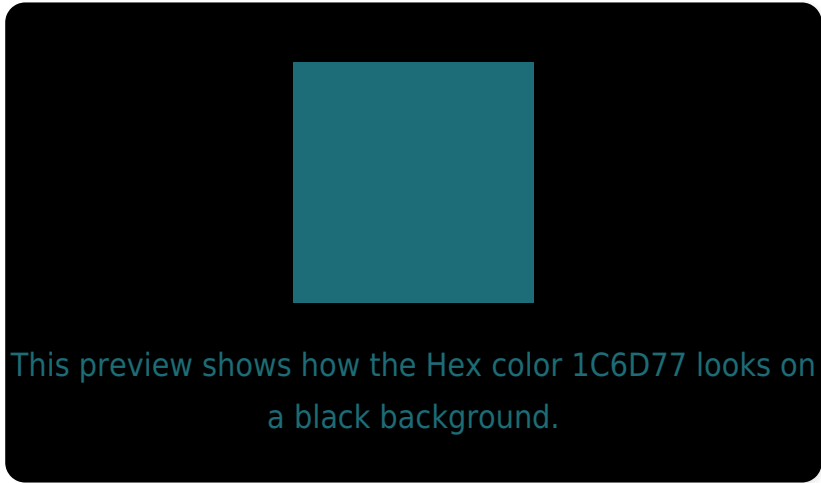
Large Text (above 18pt) WCAG AA ✓ Pass

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

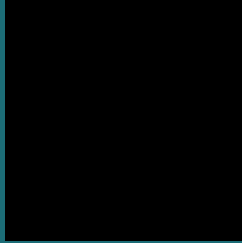
Any Text WCAG AA × Fail

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 1C6D77 Background



This preview shows how black text looks on a background with the Hex color 1C6D77.



This preview shows how white text looks on a background with the Hex color 1C6D77.

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](#).

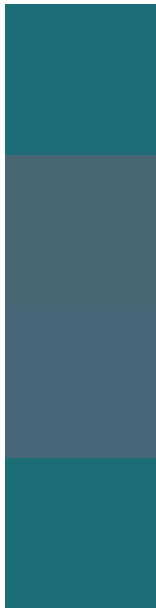
Dichromacy





Tritanopia
1B6D76

Trichromacy



Original Color
1C6D77

Protanomaly
486673

Deuteranomaly
486579

Tritanomaly
1B6D76

Monochromacy



Original Color
1C6D77

Achromatopsia
565656

Achromatomaly
415E62

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C6D77 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 #1C6D77 looks like.

```
.text, #text, p{  
    color:#1C6D77  
}
```

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 #1C6D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C6D77  
}
```

Border

The CSS property to change the border of an element to Hex 1C6D77 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  
#1C6D77 }
```

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

```
.border{ border-color:#1C6D77 }
```

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

Here you see how a box with a 4 pixel #1C6D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C6D77; -webkit-box-shadow:4px 4px  
4px 4px #1C6D77; box-shadow:4px 4px 4px  
4px #1C6D77 }
```

Background

The CSS property to change the background color of an element to Hex 1C6D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C6D77 }
```

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

```
.background{ background-color:#1C6D77 }
```

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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