

Converting Colors

Hex(1C5D7B)

Have a look what the booklet for
Hex(1C5D7B) contains.

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Color

Hex(1C5D7B)

Conversions

Conversions Part 1

Format	Color
Hex	1C5D7B
RGB	28, 93, 123
RGB Percent	11%, 36%, 48%
CMY	0.8902, 0.6353, 0.5176
CMYK	0.77, 0.24, 0.00, 0.52
HSL	199°, 63%, 30%
HSV	199°, 77%, 48%
XYZ	7.9684, 9.5056, 20.1537
YIQ	76.9850, -48.3700, -4.4500

Conversions

Conversions Part 2

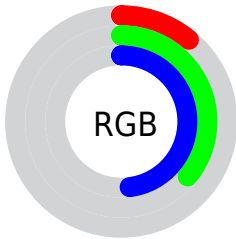
Format	Color
RYB	28, 67, 123
Decimal	1858939
CIELab	36.94, -9.36, -22.70
CIELCh	37, 24.556, 247.603
Yxy	9.5056, 0.2118, 0.2526
Android (android.graphics.Color)	4280049019 (0xFF1C5D7B)
YUV	76.9850, 22.6854, -42.9598
Hunter-Lab	30.8312, -7.8209, -17.1747




Details

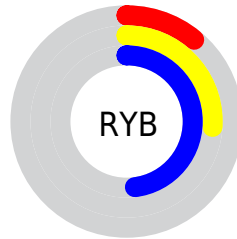
The Hex color **1C5D7B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7B3A1C**, and the grayscale version is **4D4D4D**.




A 20% lighter version of the original color is **578FB0**, and **002F4A** is the 20% darker color. If you saturate the color by 10%, you get **10597B**, and if you desaturate by 10%, it is **28617B**.

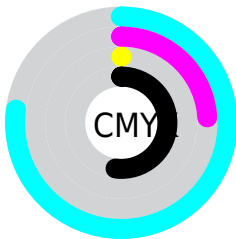
Distribution







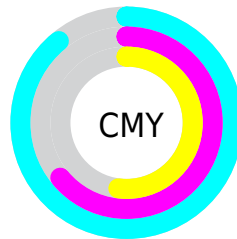
-  Red (11%)
-  Green (36%)
-  Blue (48%)






-  Red (11%)
-  Yellow (26%)
-  Blue (48%)



-  Cyan (77%)
-  Magenta (24%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (89%)
-  Magenta (64%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C5D7B 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 1C5D7B by changing the saturation by 10% instead.

■ 1C5D7B

■ 1C5D7B

FFFFFF

■ 004562

■ 578FB0

■ 002F4A

■ 72AACB

■ 001B33

■ 8EC5E7

■ 00021E

■ AAE1FF

■ 000000

■ C6FEFF

■ E3FFFF

■ 1C5D7B

■ 1C5D7B

■ 10597B

■ 28617B

03557B

35657B

00547B

41697B

4D6D7B

5A707B

66747B

72787B

7E7C7B

8B807B

Harmonies

Analogous

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



00606E



1C5D7B



42577E

Triad

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



1C5D7B



7D4753



4A5D37

Complementary

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



1C5D7B



7B3A1C

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.



5F572F



1C5D7B



7B4A40

Square

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



1C5D7B



744A66



705133



316047

Rectangle

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



1C5D7B



57527A



705133



515B33

Sweetspot

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



1C5D7B



7C95A1



1C7B39



3B4A52



D1D1D1



525252

Same Dimension

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



1C5D7B



0B71A1



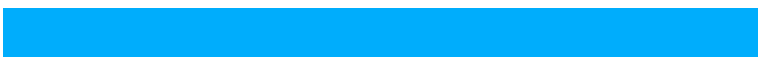
1C2F7B



373B3D



00557D



00ADFC

Inverse Universe

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



7B1C5D



A10B71



7B681C



3D373B



7D0055



FC00AD

Previews

White Background



This preview shows how the Hex color 1C5D7B looks on a white background.

Color Contrast Check

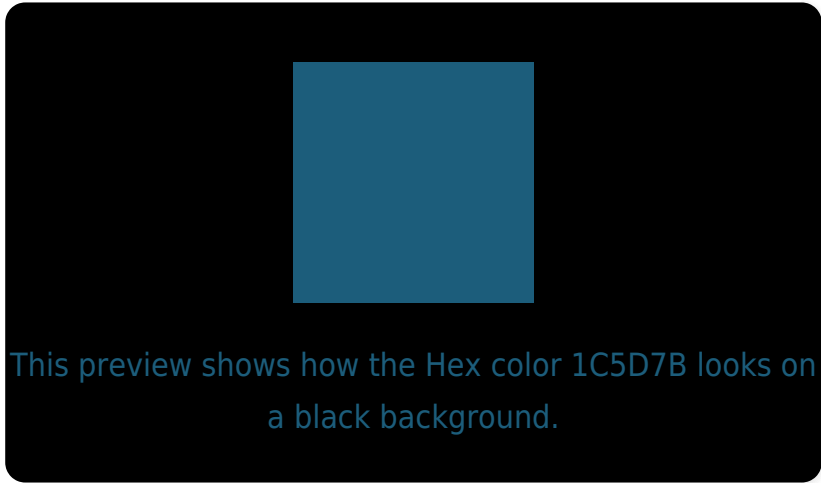
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

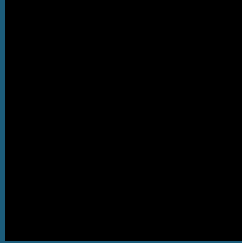
Any Text WCAG AA × Fail

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 1C5D7B Background



This preview shows how black text looks on a background with the Hex color 1C5D7B.



This preview shows how white text looks on a background with the Hex color 1C5D7B.

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](#).

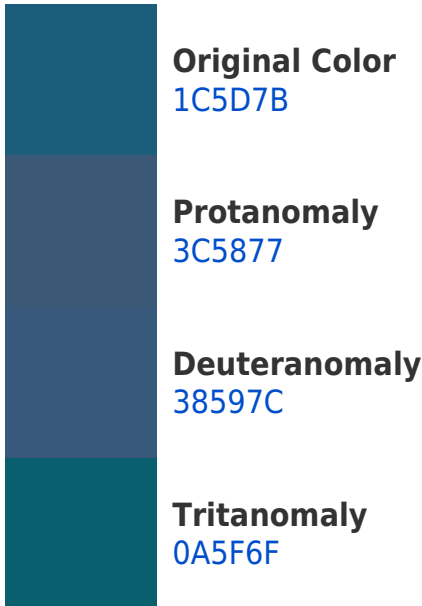
Dichromacy





Tritanopia
006068

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1C5D7B 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 #1C5D7B looks like.

```
.text, #text, p{  
    color:#1C5D7B  
}
```

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 #1C5D7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C5D7B
}
```

Border

The CSS property to change the border of an element to Hex 1C5D7B 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
#1C5D7B }
```

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

```
.border{ border-color:#1C5D7B }
```

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

Here you see how a box with a 4 pixel #1C5D7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C5D7B; -webkit-box-shadow:4px 4px  
4px 4px #1C5D7B; box-shadow:4px 4px 4px  
4px #1C5D7B }
```

Background

The CSS property to change the background color of an element to Hex 1C5D7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C5D7B }
```

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

```
.background{ background-color:#1C5D7B }
```

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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