

# Converting Colors

Hex(1C7BA3)

Have a look what the booklet for  
Hex(1C7BA3) contains.

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# Color

**Hex(1C7BA3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C7BA3
RGB	28, 123, 163
RGB Percent	11%, 48%, 64%
CMY	0.8902, 0.5176, 0.3608
CMYK	0.83, 0.25, 0.00, 0.36
HSL	198°, 71%, 37%
HSV	198°, 83%, 64%
XYZ	14.1727, 17.0571, 37.1957
YIQ	99.1550, -69.4600, -7.7000

# Conversions

## Conversions Part 2

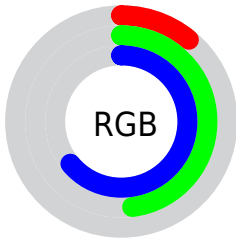
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 84, 163
Decimal	1866659
CIE <sub>Lab</sub>	48.33, -12.15, -28.89
CIE <sub>LCh</sub>	48, 31.346, 247.188
Yxy	17.0571, 0.2071, 0.2493
Android (android.graphics.Color)	4280056739 (0xFF1C7BA3)
YUV	99.1550, 31.4756, -62.4029
Hunter-Lab	41.3003, -11.0210, -24.4873

# Details

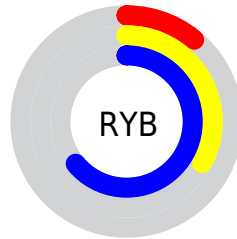
The Hex color **1C7BA3** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A3441C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **61AFDA**, and **004A6F** is the 20% darker color. If you saturate the color by 10%, you get **0C76A3**, and if you desaturate by 10%, it is **2C80A3**.

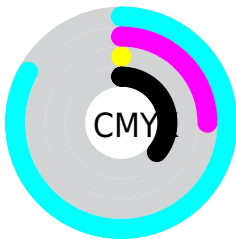
# Distribution



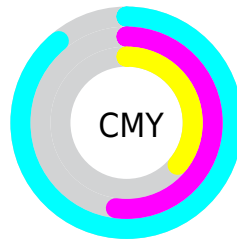
- Red (11%)
- Green (48%)
- Blue (64%)



- Red (11%)
- Yellow (33%)
- Blue (64%)



- Cyan (83%)
- Magenta (25%)
- Yellow (0%)
- Black (36%)



- Cyan (89%)
- Magenta (52%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C7BA3 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 1C7BA3 by changing the saturation by 10% instead.



■ 1C7BA3

■ 1C7BA3

FFFFFF

■ 006289

■ 61AFDA

■ 004A6F

■ 7ECBF7

■ 003456

■ 9BE7FF

■ 001F3F

■ B8FFFF

■ 000329

■ D6FFFF

■ 000113

■ F4FFFF

■ 000000

■ 1C7BA3

■ 1C7BA3

■ 0C76A3

■ 2C80A3

0073A3

3D85A3

4D89A3

5D8EA3

6E93A3

7E98A3

8E9DA3

9EA2A3

AFA6A3

# Harmonies

## Analogous

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



007F92



1C7BA3



5573A7

# Triad

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



1C7BA3



A55E6D



617B47

# Complementary

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



1C7BA3



A3441C

# 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.



7D733D



1C7BA3



A36254

# Square

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



1C7BA3



996188



946A42



3F7F5D

# Rectangle

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



1C7BA3



726DA2



946A42



6B7842



# Sweetspot

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



1C7BA3



9FC4D4



1CA342



4B626B



EBEBEB



6B6B6B



# Same Dimension

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



1C7BA3



0296D4



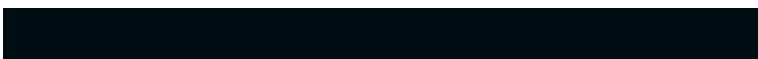
1C39A3



494F52



006691



000D12



# Inverse Universe

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



A31C7B



D40296



A3861C



52494F



910066



12000D



# Previews

## White Background



This preview shows how the Hex color 1C7BA3 looks on a white background.

## Color Contrast Check

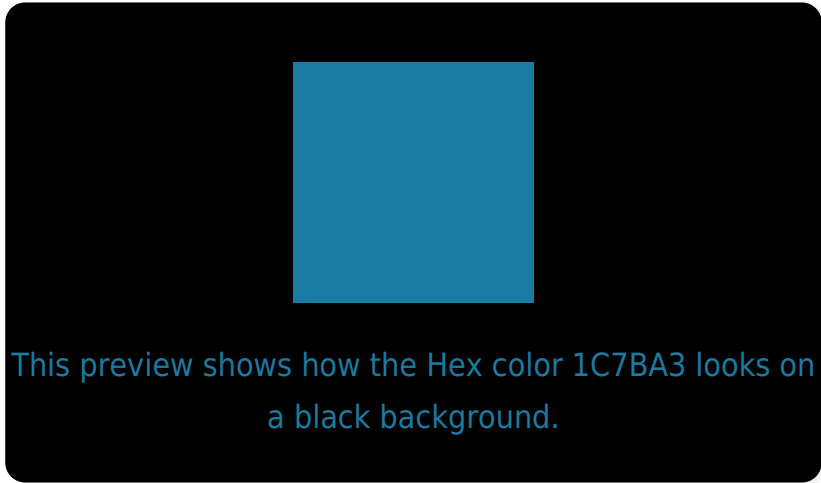
Large Text (above 18pt) WCAG AA ✓ Pass

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

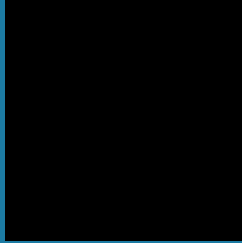
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1C7BA3 Background



This preview shows how black text looks on a background with the Hex color 1C7BA3.

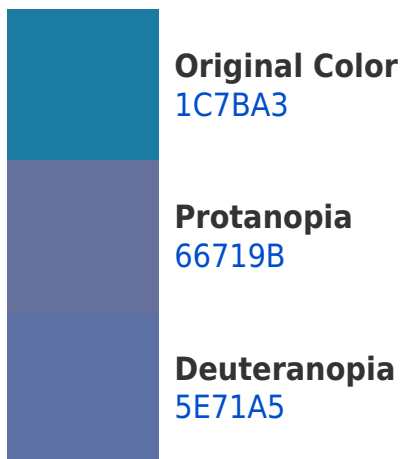


This preview shows how white text looks on a background with the Hex color 1C7BA3.

# 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](#).

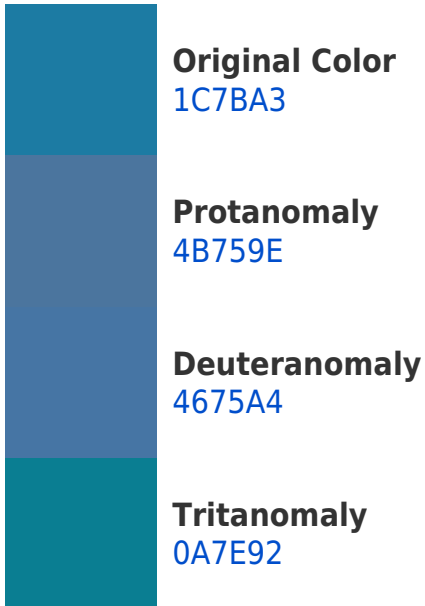
## Dichromacy



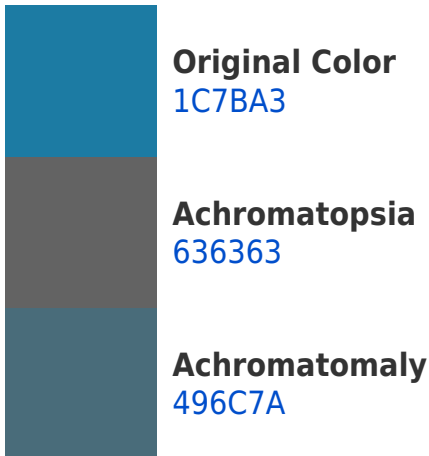


**Tritanopia**  
007F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C7BA3 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 #1C7BA3 looks like.

```
.text, #text, p{  
    color:#1C7BA3  
}
```

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 #1C7BA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C7BA3
}
```

## Border

The CSS property to change the border of an element to Hex 1C7BA3 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
#1C7BA3 }
```

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

```
.border{ border-color:#1C7BA3 }
```

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

Here you see how a box with a 4 pixel #1C7BA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C7BA3; -webkit-box-shadow:4px 4px  
4px 4px #1C7BA3; box-shadow:4px 4px 4px  
4px #1C7BA3 }
```

# Background

The CSS property to change the background color of an element to Hex 1C7BA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C7BA3 }
```

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

```
.background{ background-color:#1C7BA3 }
```

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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