

Converting Colors

Hex(197CB3)

Have a look what the booklet for
Hex(197CB3) contains.

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Color

Hex(197CB3)

Conversions

Conversions Part 1

Format	Color
Hex	197CB3
RGB	25, 124, 179
RGB Percent	10%, 49%, 70%
CMY	0.9020, 0.5137, 0.2980
CMYK	0.86, 0.31, 0.00, 0.30
HSL	201°, 75%, 40%
HSV	201°, 86%, 70%
XYZ	15.7452, 17.8766, 45.2685
YIQ	100.6690, -76.6590, -3.8830

Conversions

Conversions Part 2

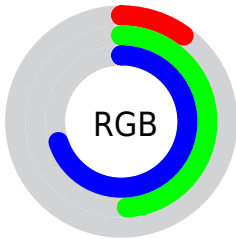
Format	Color
R_{YB}	25, 85, 179
Decimal	1670323
CIE _{Lab}	49.35, -7.06, -36.61
CIE _{LCh}	49, 37.280, 259.083
Yxy	17.8766, 0.1996, 0.2266
Android (android.graphics.Color)	4279860403 (0xFF197CB3)
YUV	100.6690, 38.6172, -66.3617
Hunter-Lab	42.2808, -7.5185, -33.8831

Details

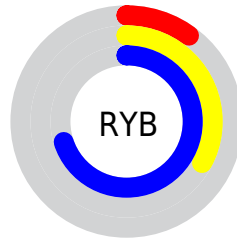
The Hex color **197CB3** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **B35019**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **63B0EB**, and **004C7E** is the 20% darker color. If you saturate the color by 10%, you get **0776B3**, and if you desaturate by 10%, it is **2B82B3**.

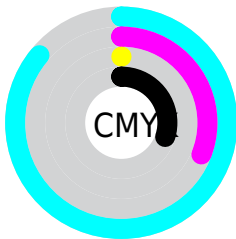
Distribution



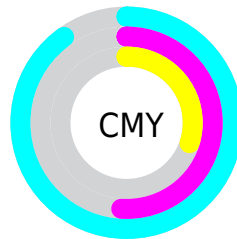
- Red (10%)
- Green (49%)
- Blue (70%)



- Red (10%)
- Yellow (33%)
- Blue (70%)



- Cyan (86%)
- Magenta (31%)
- Yellow (0%)
- Black (30%)



- Cyan (90%)
- Magenta (51%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 197CB3 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 197CB3 by changing the saturation by 10% instead.

■ 197CB3

■ 197CB3

FFFFFF

■ 006398

■ 63B0EB

■ 004C7E

■ 81CCFF

■ 003565

■ 9FE8FF

■ 00204C

■ BCFFFF

■ 000535

■ DAFFFF

■ 00021F

■ F8FFFF

■ 000002

■ 000000

■ 197CB3

■ 197CB3

0776B3

2B82B3

0073B3

3D89B3

4F8FB3

6196B3

729CB3

84A2B3

96A9B3

A8AFB3

BAB6B3

Harmonies

Analogous

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



0083A4



197CB3



6571B1

Triad

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



197CB3



B15C62



50814A

Complementary

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



197CB3



B35019

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.



747A37



197CB3



A86447

Square

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



197CB3



AA5C82



927036



168568

Rectangle

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



197CB3



8569A7



927036



5D7F42

Sweetspot

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



197CB3



ACD3E8



19B34F



516875



F5F5F5



757575

Same Dimension

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



197CB3



0095E8



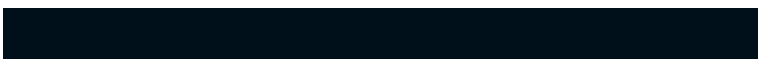
1930B3



505659



006299



00101A

Inverse Universe

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



B3197C



E80095



B39C19



595056



990062



1A0010

Previews

White Background



This preview shows how the Hex color 197CB3 looks on a white background.

Color Contrast Check

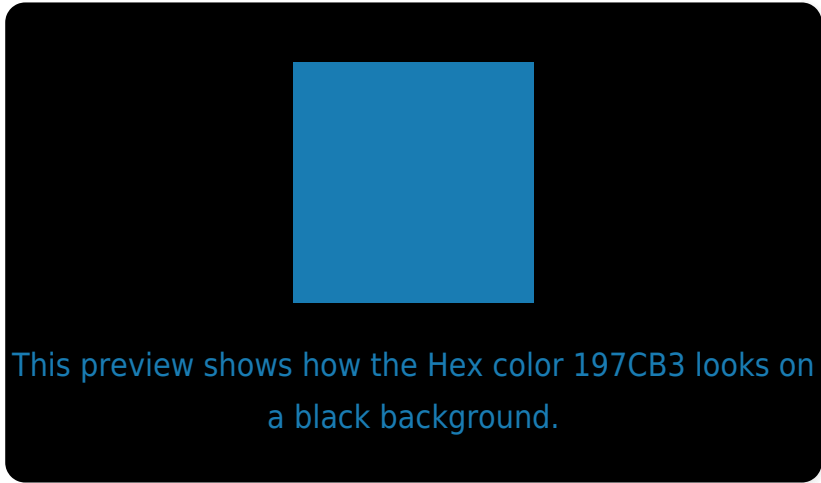
Large Text (above 18pt) WCAG AA ✓ Pass

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

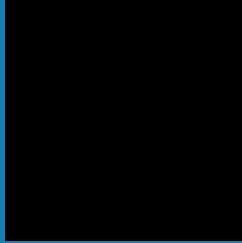
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 197CB3 Background



This preview shows how black text looks on a background with the Hex color 197CB3.

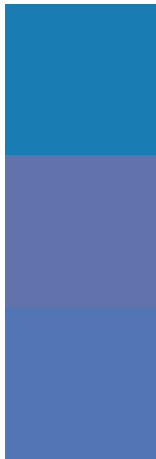


This preview shows how white text looks on a background with the Hex color 197CB3.

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
197CB3

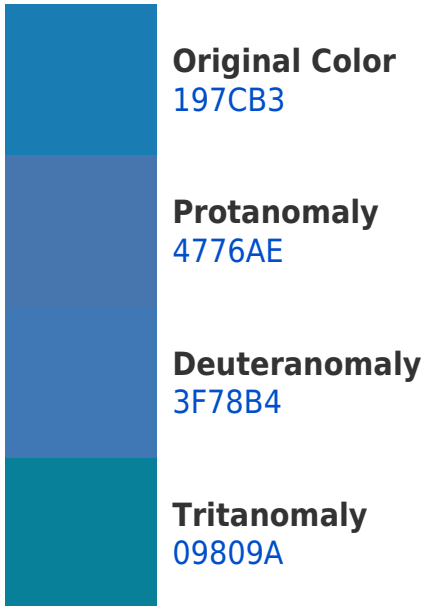
Protanopia
6273AB

Deuteranopia
5475B5

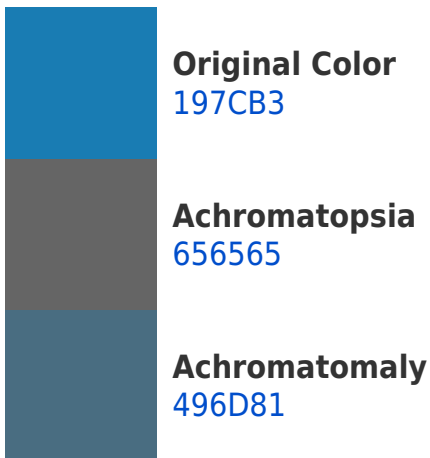


Tritanopia
00828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 197CB3 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 #197CB3 looks like.

```
.text, #text, p{  
    color:#197CB3  
}
```

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 #197CB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #197CB3
}
```

Border

The CSS property to change the border of an element to Hex 197CB3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

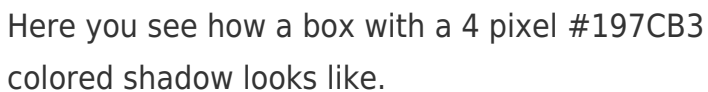
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#197CB3 }
```

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

```
.border{ border-color:#197CB3 }
```

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



Here you see how a box with a 4 pixel #197CB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #197CB3; -webkit-box-shadow:4px 4px  
4px 4px #197CB3; box-shadow:4px 4px 4px  
4px #197CB3 }
```

Background

The CSS property to change the background color of an element to Hex 197CB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#197CB3 }
```

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

```
.background{ background-color:#197CB3 }
```

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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