

Converting Colors

Hex(1C94B7)

Have a look what the booklet for
Hex(1C94B7) contains.

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Color

Hex(1C94B7)

Conversions

Conversions Part 1

Format	Color
Hex	1C94B7
RGB	28, 148, 183
RGB Percent	11%, 58%, 72%
CMY	0.8902, 0.4196, 0.2824
CMYK	0.85, 0.19, 0.00, 0.28
HSL	194°, 73%, 41%
HSV	194°, 85%, 72%
XYZ	19.6160, 24.8456, 48.5615
YIQ	116.1100, -82.7550, -14.5550

Conversions

Conversions Part 2

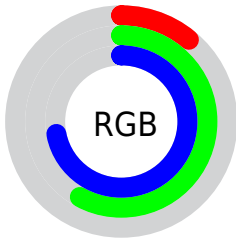
Format	Color
R_{YB}	28, 96, 183
Decimal	1873079
CIE _{Lab}	56.92, -18.85, -27.07
CIE _{LCh}	57, 32.990, 235.152
Yxy	24.8456, 0.2109, 0.2671
Android (android.graphics.Color)	4280063159 (0xFF1C94B7)
YUV	116.1100, 32.9768, -77.2725
Hunter-Lab	49.8453, -16.9828, -22.8712




Details

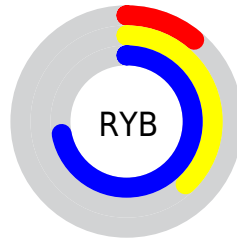
The Hex color **1C94B7** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B73F1C**, and the grayscale version is **747474**.




A 20% lighter version of the original color is **66CAEF**, and **006182** is the 20% darker color. If you saturate the color by 10%, you get **0A90B7**, and if you desaturate by 10%, it is **2E98B7**.

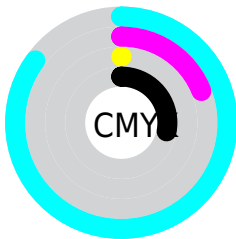
Distribution







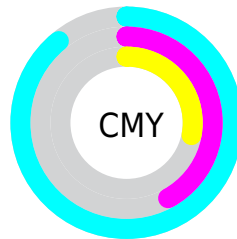
-  Red (11%)
-  Green (58%)
-  Blue (72%)






-  Red (11%)
-  Yellow (38%)
-  Blue (72%)



-  Cyan (85%)
-  Magenta (19%)
-  Yellow (0%)
-  Black (28%)



-  Cyan (89%)
-  Magenta (42%)
-  Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C94B7 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 1C94B7 by changing the saturation by 10% instead.



1C94B7



1C94B7

FFFFFF



007A9C



66CAEF



006182



85E6FF



004969



A3FFFF



003250



C1FFFF



001F39



DFFFFFF



000224

FDFFFF



00000B



000000



1C94B7



1C94B7

■ 0A90B7

■ 2E98B7

■ 008EB7

■ 419CB7

■ 53A0B7

■ 65A5B7

■ 77A9B7

■ 8AADB7

■ 9CB1B7

■ AEB5B7

■ C1B9B7

Harmonies

Analogous

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



0098A0



1C94B7



568DC1

Triad

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



1C94B7



BC728E



838E53

Complementary

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



1C94B7



B73F1C

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.



A0854F



1C94B7



C07472

Square

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



1C94B7



A879AA



B57B5A



619467

Rectangle

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



1C94B7



7686C0



B57B5A



8D8C50

Sweetspot

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



1C94B7



B2E0ED



1CB73E



547078



F7F7F7



787878

Same Dimension

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



1C94B7



00B8ED



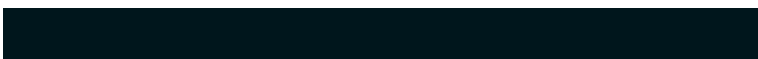
1C48B7



535A5C



00789C



00161C

Inverse Universe

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



B71C94



ED00B8



B78B1C



5C535A



9C0078



1C0016

Previews

White Background



This preview shows how the Hex color 1C94B7 looks on a white background.

Color Contrast Check

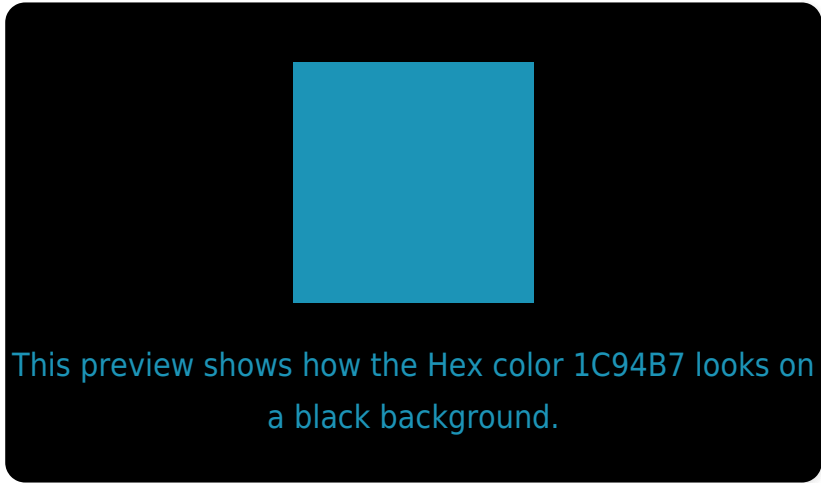
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

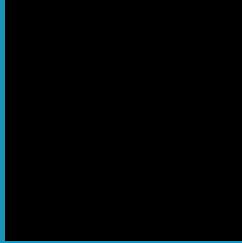
Any Text WCAG AA ✓ Pass

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 1C94B7 Background



This preview shows how black text looks on a background with the Hex color 1C94B7.

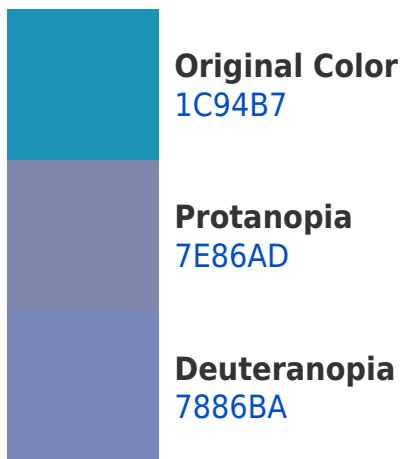


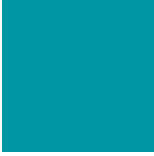
This preview shows how white text looks on a background with the Hex color 1C94B7.

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
0097A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1C94B7 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 #1C94B7 looks like.

```
.text, #text, p{  
    color:#1C94B7  
}
```

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 #1C94B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C94B7
}
```

Border

The CSS property to change the border of an element to Hex 1C94B7 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
#1C94B7 }
```

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

```
.border{ border-color:#1C94B7 }
```

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

Here you see how a box with a 4 pixel #1C94B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C94B7; -webkit-box-shadow:4px 4px  
4px 4px #1C94B7; box-shadow:4px 4px 4px  
4px #1C94B7 }
```

Background

The CSS property to change the background color of an element to Hex 1C94B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C94B7 }
```

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

```
.background{ background-color:#1C94B7 }
```

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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