

# Converting Colors

Hex(1C9BC3)

Have a look what the booklet for  
Hex(1C9BC3) contains.

<b>Hex(1C9BC3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(1C9BC3)

# Conversions

## Conversions Part 1

Format	Color
Hex	1C9BC3
RGB	28, 155, 195
RGB Percent	11%, 61%, 76%
CMY	0.8902, 0.3922, 0.2353
CMYK	0.86, 0.21, 0.00, 0.24
HSL	194°, 75%, 44%
HSV	194°, 86%, 76%
XYZ	22.0506, 27.6297, 55.8006
YIQ	121.5870, -88.5320, -14.4840

# Conversions

## Conversions Part 2

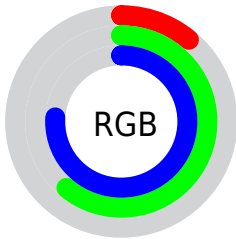
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 100, 195
Decimal	1874883
CIE <sub>Lab</sub>	59.55, -18.43, -29.79
CIE <sub>LCh</sub>	60, 35.027, 238.256
Yxy	27.6297, 0.2090, 0.2619
Android (android.graphics.Color)	4280064963 (0xFF1C9BC3)
YUV	121.5870, 36.1926, -82.0758
Hunter-Lab	52.5640, -17.1062, -26.1461

# Details

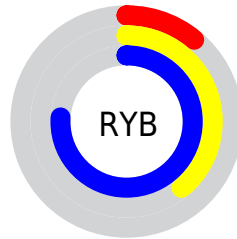
The Hex color **1C9BC3** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C3441C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **69D2FC**, and **00688D** is the 20% darker color. If you saturate the color by 10%, you get **0996C3**, and if you desaturate by 10%, it is **30A0C3**.

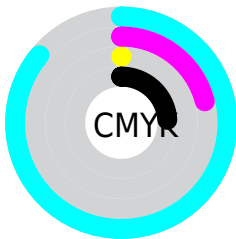
# Distribution



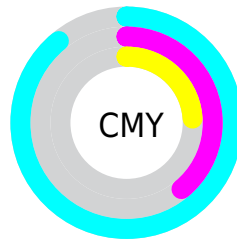
- Red (11%)
- Green (61%)
- Blue (76%)



- Red (11%)
- Yellow (39%)
- Blue (76%)



- Cyan (86%)
- Magenta (21%)
- Yellow (0%)
- Black (24%)



- Cyan (89%)
- Magenta (39%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C9BC3 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 1C9BC3 by changing the saturation by 10% instead.



 1C9BC3

 1C9BC3

FFFFFF

 0081A8

 69D2FC

 00688D

 88EEFF

 005073

 A7FFFF

 00385B

 C5FFFF

 002343

 E3FFFF

 00032D

 000117

 000000

 1C9BC3

 1C9BC3

■ 0996C3

■ 30A0C3

■ 0094C3

■ 43A4C3

■ 57A9C3

■ 6AAEC3

■ 7EB2C3

■ 91B7C3

■ A5BCC3

■ B8C0C3

■ CCC5C3

# Harmonies

## Analogous

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



009FAC



1C9BC3



5E93CD

# Triad

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



1C9BC3



C87792



859658

# Complementary

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



1C9BC3



C3441C

# 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.



A58D51



1C9BC3



CA7974

# Square

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



1C9BC3



B47DB0



BD825C



619D6E

# Rectangle

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



1C9BC3



818CCA



BD825C



919354

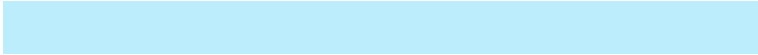


# Sweetspot

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



1C9BC3



BBEDFC



1CC343



587680



000000



808080

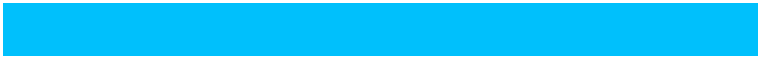


# Same Dimension

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



1C9BC3



00C0FC



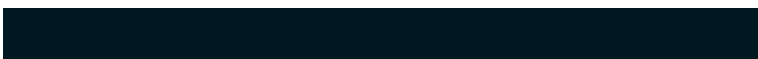
1C49C3



575F61



007AA1



001921



# Inverse Universe

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



C31C9B



FC00C0



C3961C



61575F



A1007A



210019



# Previews

## White Background



This preview shows how the Hex color 1C9BC3 looks on a white background.

## Color Contrast Check

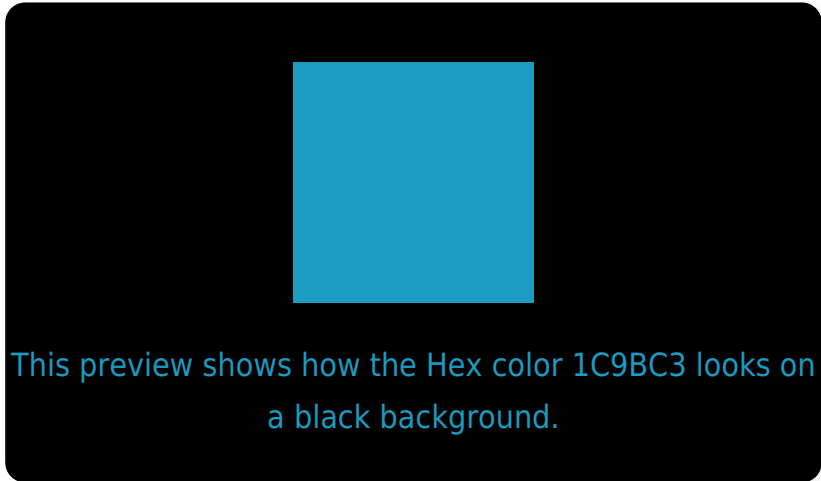
Large Text (above 18pt) WCAG AA ✓ Pass

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

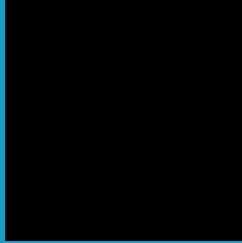
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1C9BC3 Background



This preview shows how black text looks on a background with the Hex color 1C9BC3.



This preview shows how white text looks on a background with the Hex color 1C9BC3.

# 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](#).

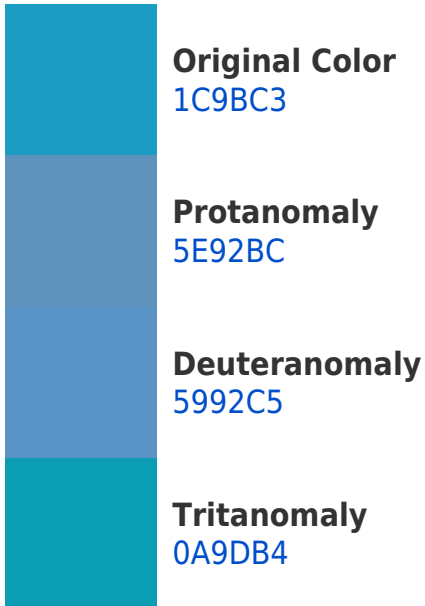
## Dichromacy





**Tritanopia**  
009EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C9BC3 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 #1C9BC3 looks like.

```
.text, #text, p{  
    color:#1C9BC3  
}
```

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 #1C9BC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C9BC3
}
```

## Border

The CSS property to change the border of an element to Hex 1C9BC3 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
#1C9BC3 }
```

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

```
.border{ border-color:#1C9BC3 }
```

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

Here you see how a box with a 4 pixel #1C9BC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C9BC3; -webkit-box-shadow:4px 4px  
4px 4px #1C9BC3; box-shadow:4px 4px 4px  
4px #1C9BC3 }
```

# Background

The CSS property to change the background color of an element to Hex 1C9BC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C9BC3 }
```

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

```
.background{ background-color:#1C9BC3 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor