

# Converting Colors

Hex(1C8DC1)

Have a look what the booklet for  
Hex(1C8DC1) contains.

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# Color

**Hex(1C8DC1)**

# Conversions

Conversions Part 1	
Format	Color
Hex	1C8DC1
RGB	28, 141, 193
RGB Percent	11%, 55%, 76%
CMY	0.8902, 0.4471, 0.2431
CMYK	0.85, 0.27, 0.00, 0.24
HSL	199°, 75%, 43%
HSV	199°, 85%, 76%
XYZ	19.6294, 23.1469, 53.8853
YIQ	113.1410, -84.0400, -7.7840

# Conversions

## Conversions Part 2

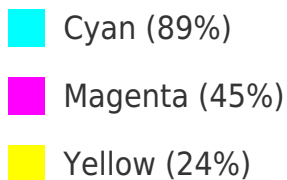
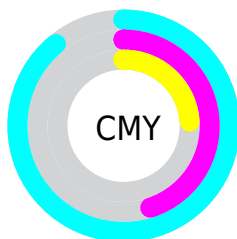
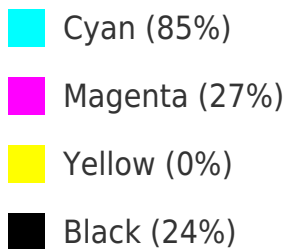
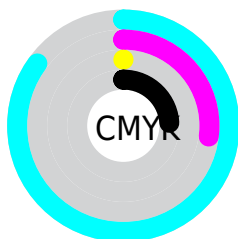
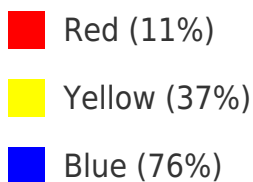
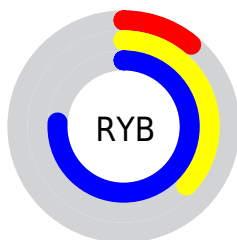
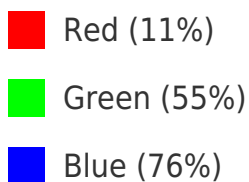
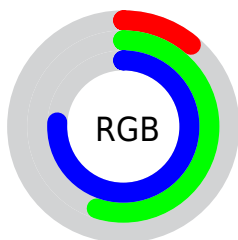
Format	Color
<a href="#">RYB</a>	<a href="#">28, 95, 193</a>
Decimal	<a href="#">1871297</a>
CIELab	<a href="#">55.22, -11.45, -35.40</a>
CIELCh	<a href="#">55, 37.205, 252.075</a>
Yxy	<a href="#">23.1469, 0.2031, 0.2395</a>
Android (android.graphics.Color)	<a href="#">4280061377</a> (0xFF1C8DC1)
YUV	<a href="#">113.1410, 39.3705, -74.6687</a>
Hunter-Lab	<a href="#">48.1112, -11.3665, -32.7279</a>

# Details

The Hex color **1C8DC1** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **C1501C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **68C3FA**, and **005B8B** is the 20% darker color. If you saturate the color by 10%, you get **0987C1**, and if you desaturate by 10%, it is **2F93C1**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 1C8DC1 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 1C8DC1 by changing the saturation by 10% instead.



 1C8DC1

 1C8DC1

FFFFFF

 0074A6

 68C3FA

 005B8B

 87DEFF

 004471

 A5FBFF

 002E59

 C3FFFF

 001A41

 E1FFFF

 00032A

 000115

 000000

 1C8DC1

 1C8DC1

 0987C1

 2F93C1

 0084C1

 4399C1

 569FC1

 69A5C1

 7DABC1

 90B1C1

 A3B8C1

 B6BEC1

 CAC4C1

# Harmonies

## Analogous

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



0093AE



1C8DC1



6883C3

# Triad

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



1C8DC1



C26A78



688F53

# Complementary

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



1C8DC1



C1501C

# 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.



8C8744



1C8DC1



BC705B

# Square

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



1C8DC1



B66D99



A97C47



3B946F

# Rectangle

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



1C8DC1



8A7BBB



A97C47



758C4C



# Sweetspot

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



1C8DC1



B9E5FA



1CC14E



56717D



FCFCFC



7D7D7D



# Same Dimension

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



1C8DC1



00ABFA



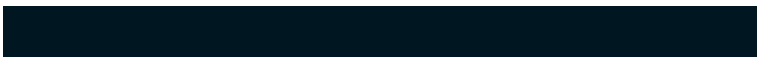
1C3DC1



575E61



006EA1



001721



# Inverse Universe

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



C11C8D



FA00AB



C1A01C



61575E



A1006E



210017



# Previews

## White Background



This preview shows how the Hex color 1C8DC1 looks on a white background.

## Color Contrast Check

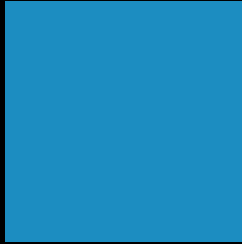
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 1C8DC1 looks on a 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 1C8DC1 Background



This preview shows how black text looks on a background with the Hex color 1C8DC1.

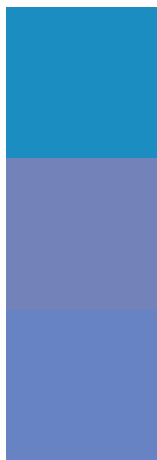


This preview shows how white text looks on a background with the Hex color 1C8DC1.

# 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](#).

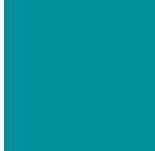
## Dichromacy



**Original Color**  
1C8DC1




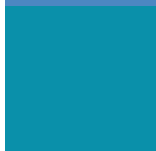
**Protanopia**  
7382B8

**Deuteranopia**  
6783C3




**Tritanopia**  
00929D

# Trichromacy

	<b>Original Color</b> 1C8DC1
	<b>Protanomaly</b> 5386BB
	<b>Deuteranomaly</b> 4C87C2
	<b>Tritanomaly</b> 0A90AA

# Monochromacy

	<b>Original Color</b> 1C8DC1
	<b>Achromatopsia</b> 717171
	<b>Achromatomaly</b> 527B8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C8DC1 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 #1C8DC1 looks like.

```
.text, #text, p{  
    color:#1C8DC1  
}
```

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 #1C8DC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C8DC1
}
```

## Border

The CSS property to change the border of an element to Hex 1C8DC1 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
#1C8DC1 }
```

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

```
.border{ border-color:#1C8DC1 }
```

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

Here you see how a box with a 4 pixel #1C8DC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C8DC1; -webkit-box-shadow:4px 4px  
4px 4px #1C8DC1; box-shadow:4px 4px 4px  
4px #1C8DC1 }
```

# Background

The CSS property to change the background color of an element to Hex 1C8DC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C8DC1 }
```

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

```
.background{ background-color:#1C8DC1 }
```

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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