

# Converting Colors

Hex(1C9CDA)

Have a look what the booklet for  
Hex(1C9CDA) contains.

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# Color

**Hex(1C9CDA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C9CDA
RGB	28, 156, 218
RGB Percent	11%, 61%, 85%
CMY	0.8902, 0.3882, 0.1451
CMYK	0.87, 0.28, 0.00, 0.15
HSL	200°, 77%, 48%
HSV	200°, 87%, 85%
XYZ	25.0222, 29.0858, 70.6250
YIQ	124.7960, -96.1900, -7.8540

# Conversions

## Conversions Part 2

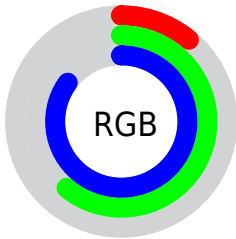
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 104, 218
Decimal	1875162
CIE Lab	60.86, -10.83, -40.61
CIE LCh	61, 42.032, 255.073
Yxy	29.0858, 0.2006, 0.2332
Android (android.graphics.Color)	4280065242 (0xFF1C9CDA)
YUV	124.7960, 45.9496, -84.8901
Hunter-Lab	53.9312, -11.5617, -39.8906

# Details

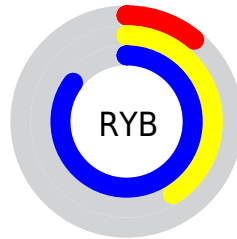
The Hex color **1C9CDA** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **DA5A1C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6ED2FF**, and **0069A3** is the 20% darker color. If you saturate the color by 10%, you get **0695DA**, and if you desaturate by 10%, it is **32A3DA**.

# Distribution



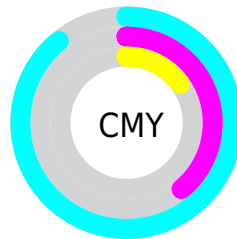
- Red (11%)
- Green (61%)
- Blue (85%)



- Red (11%)
- Yellow (41%)
- Blue (85%)



- Cyan (87%)
- Magenta (28%)
- Yellow (0%)
- Black (15%)



- Cyan (89%)
- Magenta (39%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C9CDA 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 1C9CDA by changing the saturation by 10% instead.



■ 1C9CDA

■ 1C9CDA

FFFFFF

■ 0082BE

■ 6ED2FF

■ 0069A3

■ 8EEFFF

■ 005188

■ ADFFFF

■ 003A6E

■ CBFFFF

■ 002556

■ EAFFFF

■ 000C3E

■ 000327

■ 000111

■ 000000

■ 1C9CDA

■ 1C9CDA

■ 0695DA

■ 32A3DA

■ 0093DA

■ 48AADA

■ 5DB1DA

■ 73B8DA

■ 89C0DA

■ 9FC7DA

■ B5CEDA

■ CAD5DA

■ E0DCDA

# Harmonies

## Analogous

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



00A3C6



1C9CDA



7890DA

# Triad

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



1C9CDA



DA7581



6EA05D

# Complementary

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



1C9CDA



DA5A1C

# 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.



979749



1C9CDA



D17D60

# Square

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



1C9CDA



CE77A7



B98A4A



35A57E

# Rectangle

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



1C9CDA



9E87D0



B98A4A



7C9D54

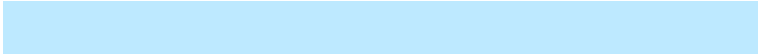


# Sweetspot

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



1C9CDA



BDE9FF



1CDA58



587380



000000



808080

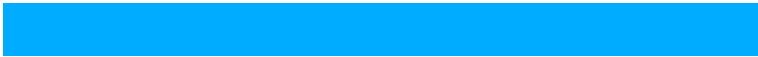


# Same Dimension

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



1C9CDA



00ACFF



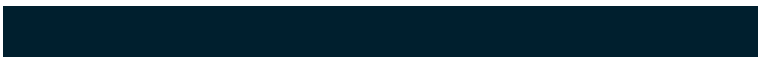
1C3FDA



636A6E



0075AD



001F2E



# Inverse Universe

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



DA1C9C



FF00AC



DAB71C



6E636A



AD0075



2E001F



# Previews

## White Background



This preview shows how the Hex color 1C9CDA looks on a white background.

## Color Contrast Check

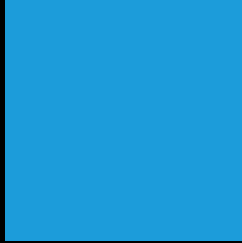
Large Text (above 18pt) WCAG AA ✓ Pass

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 1C9CDA 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

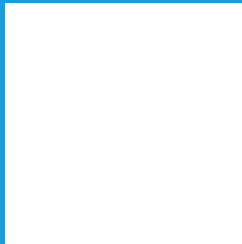
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1C9CDA Background



This preview shows how black text looks on a background with the Hex color 1C9CDA.

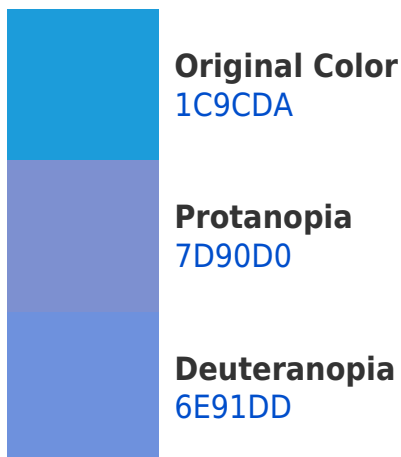


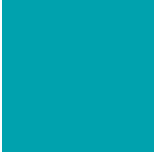
This preview shows how white text looks on a background with the Hex color 1C9CDA.

# 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](#).

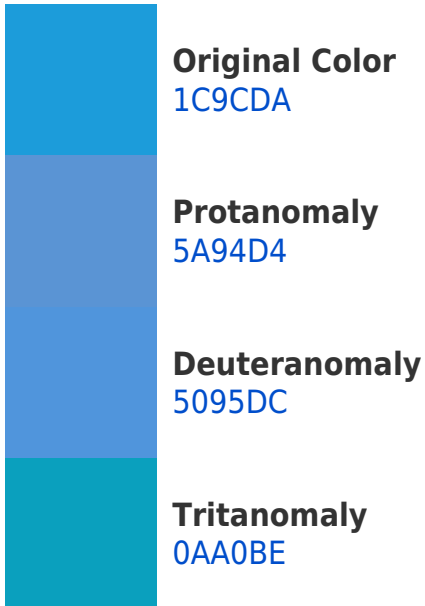
## Dichromacy



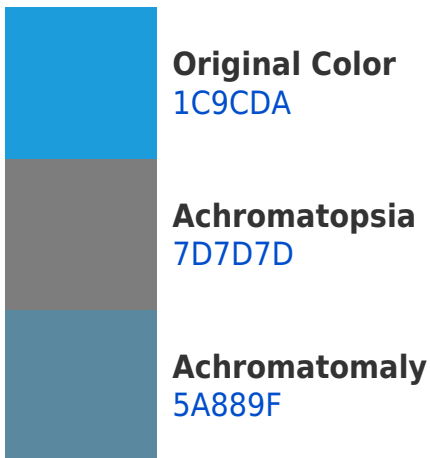


**Tritanopia**  
00A2AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C9CDA 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 #1C9CDA looks like.

```
.text, #text, p{  
    color:#1C9CDA  
}
```

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 #1C9CDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C9CDA
}
```

## Border

The CSS property to change the border of an element to Hex 1C9CDA 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
#1C9CDA }
```

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

```
.border{ border-color:#1C9CDA }
```

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

Here you see how a box with a 4 pixel #1C9CDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C9CDA; -webkit-box-shadow:4px 4px  
4px 4px #1C9CDA; box-shadow:4px 4px 4px  
4px #1C9CDA }
```

# Background

The CSS property to change the background color of an element to Hex 1C9CDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C9CDA }
```

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

```
.background{ background-color:#1C9CDA }
```

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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