

# Converting Colors

Hex(219DB0)

Have a look what the booklet for  
Hex(219DB0) contains.

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# Color

**Hex(219DB0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	219DB0
RGB	33, 157, 176
RGB Percent	13%, 62%, 69%
CMY	0.8706, 0.3843, 0.3098
CMYK	0.81, 0.11, 0.00, 0.31
HSL	188°, 68%, 41%
HSV	188°, 81%, 69%
XYZ	20.5206, 27.5719, 45.3146
YIQ	122.0900, -80.0030, -20.3790

# Conversions

## Conversions Part 2

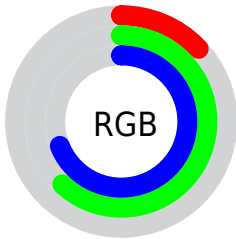
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 99, 176
Decimal	2203056
CIE <sub>Lab</sub>	59.50, -25.48, -19.15
CIE <sub>LCh</sub>	59, 31.871, 216.930
Yxy	27.5719, 0.2197, 0.2952
Android (android.graphics.Color)	4280393136 (0xFF219DB0)
YUV	122.0900, 26.5776, -78.1319
Hunter-Lab	52.5089, -22.1323, -14.4104

# Details

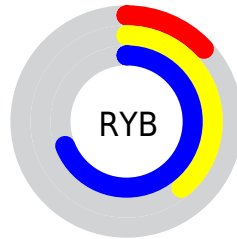
The Hex color **219DB0** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B03421**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **68D4E8**, and **00697B** is the 20% darker color. If you saturate the color by 10%, you get **0F9BB0**, and if you desaturate by 10%, it is **339FB0**.

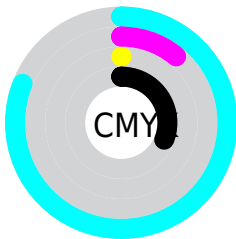
# Distribution



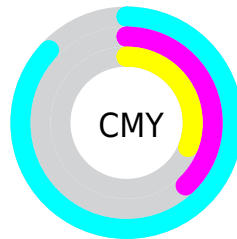
- Red (13%)
- Green (62%)
- Blue (69%)



- Red (13%)
- Yellow (39%)
- Blue (69%)



- Cyan (81%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)



- Cyan (87%)
- Magenta (38%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 219DB0 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 219DB0 by changing the saturation by 10% instead.



 219DB0

 219DB0

FFFFFF

 008395

 68D4E8

 00697B

 87F0FF

 005163

 A5FFFF

 00394B

 C2FFFF

 002434

 E0FFFF

 00021F

 000003

 000000

 219DB0

 219DB0

0F9BB0

339FB0

0099B0

44A2B0

56A4B0

67A6B0

79A9B0

8BABB0

9CADB0

AEB0B0

BFB2B0

# Harmonies

## Analogous

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



379E95



219DB0



4398C2

# Triad

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



219DB0



B87DA6



9C9057

# Complementary

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



219DB0



B03421

# 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.



B4865C



219DB0



C57A8A

# Square

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



219DB0



9B86BC



C37D6F



7D9862

# Rectangle

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



219DB0



6393C7



C37D6F



A58D57



# Sweetspot

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



219DB0



AEDEE6



21B032



516E73



F2F2F2



737373



# Same Dimension

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



219DB0



05C8E6



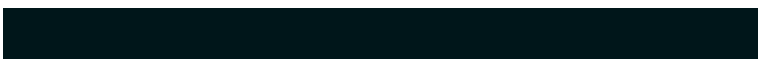
2158B0



505859



008599



00161A



# Inverse Universe

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



B0219D



E605C8



B07921



595058



990085



1A0016



# Previews

## White Background



This preview shows how the Hex color 219DB0 looks on a white background.

## Color Contrast Check

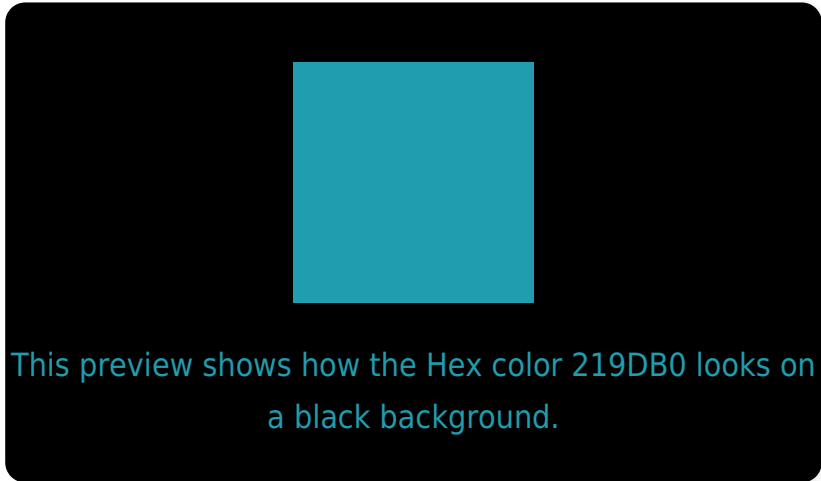
Large Text (above 18pt) WCAG AA ✓ Pass

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

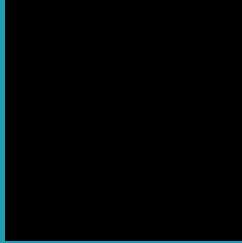
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 219DB0 Background



This preview shows how black text looks on a background with the Hex color 219DB0.

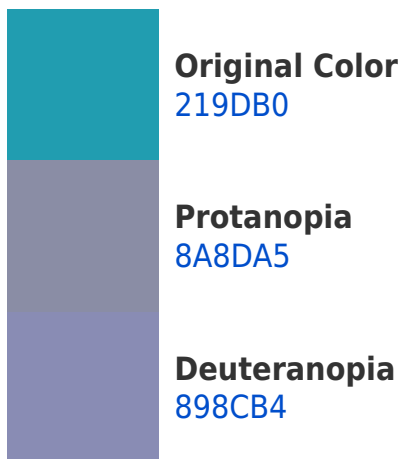


This preview shows how white text looks on a background with the Hex color 219DB0.

# 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](#).

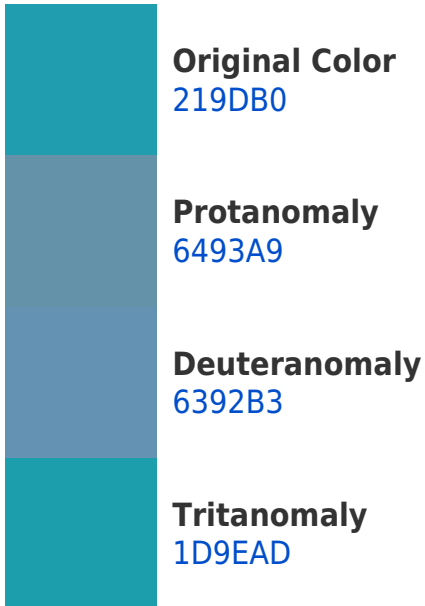
## Dichromacy





**Tritanopia**  
1B9EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 219DB0 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 #219DB0 looks like.

```
.text, #text, p{  
    color:#219DB0  
}
```

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 #219DB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #219DB0
}
```

## Border

The CSS property to change the border of an element to Hex 219DB0 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
#219DB0 }
```

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

```
.border{ border-color:#219DB0 }
```

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

Here you see how a box with a 4 pixel #219DB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #219DB0; -webkit-box-shadow:4px 4px  
4px 4px #219DB0; box-shadow:4px 4px 4px  
4px #219DB0 }
```

# Background

The CSS property to change the background color of an element to Hex 219DB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#219DB0 }
```

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

```
.background{ background-color:#219DB0 }
```

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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