

# Converting Colors

Hex(21ADC3)

Have a look what the booklet for  
Hex(21ADC3) contains.

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# **Color**

**Hex(21ADC3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21ADC3
RGB	33, 173, 195
RGB Percent	13%, 68%, 76%
CMY	0.8706, 0.3216, 0.2353
CMYK	0.83, 0.11, 0.00, 0.24
HSL	188°, 71%, 45%
HSV	188°, 83%, 76%
XYZ	25.4211, 34.1506, 56.8817
YIQ	133.6480, -90.5020, -22.8380

# Conversions

## Conversions Part 2

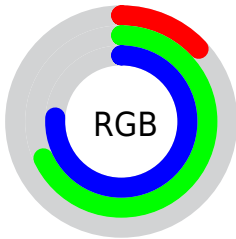
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 108, 195
Decimal	2207171
CIE <sub>Lab</sub>	65.08, -27.34, -21.28
CIE <sub>LCh</sub>	65, 34.649, 217.893
Yxy	34.1506, 0.2183, 0.2933
Android (android.graphics.Color)	4280397251 (0xFF21ADC3)
YUV	133.6480, 30.2465, -88.2683
Hunter-Lab	58.4385, -24.6189, -16.8035

# Details

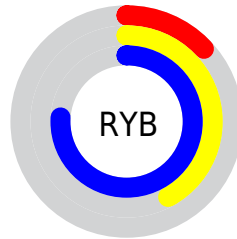
The Hex color **21ADC3** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **C33721**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **6DE5FC**, and **00788D** is the 20% darker color. If you saturate the color by 10%, you get **0DAAC3**, and if you desaturate by 10%, it is **34B0C3**.

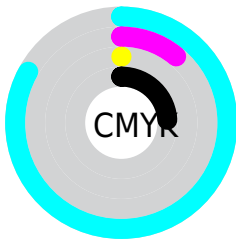
# Distribution



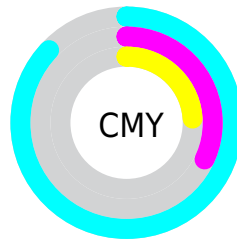
- Red (13%)
- Green (68%)
- Blue (76%)



- Red (13%)
- Yellow (42%)
- Blue (76%)



- Cyan (83%)
- Magenta (11%)
- Yellow (0%)
- Black (24%)




- Cyan (87%)
- Magenta (32%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 21ADC3 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 21ADC3 by changing the saturation by 10% instead.



 21ADC3

 21ADC3

FFFFFF

 0092A8

 6DE5FC

 00788D

 8CFFFF

 005F74

 ABFFFF

 00475B

 C9FFFF

 003044

 E8FFFF

 001C2D

 000119

 000000

 21ADC3

 21ADC3

0DAAC3

34B0C3

00A9C3

48B2C3

5BB5C3

6FB8C3

83BAC3

96BDC3

AAC0C3

BDC2C3

D0C5C3

# Harmonies

## Analogous

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



39AFA5



21ADC3



4AA7D7

# Triad

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



21ADC3



CC89B6



AB9F60

# Complementary

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



21ADC3



C33721

# 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.



C69465



21ADC3



DA8697

# Square

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



21ADC3



AC93CF



D78A79



89A76C

# Rectangle

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



21ADC3



6EA2DB



D78A79



B59B60

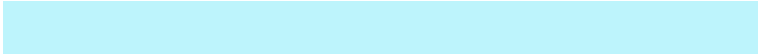


# Sweetspot

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



21ADC3



BDF4FC



21C337



597A80



000000



808080

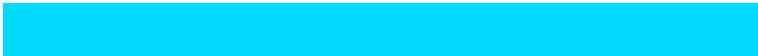


# Same Dimension

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



21ADC3



00DAFC



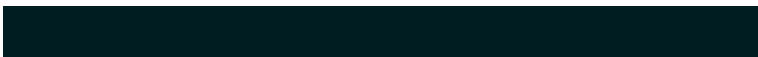
215CC3



576061



008BA1



001D21



# Inverse Universe

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



C321AD



FC00DA



C38821



615760



A1008B



21001D



# Previews

## White Background



This preview shows how the Hex color 21ADC3 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 21ADC3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

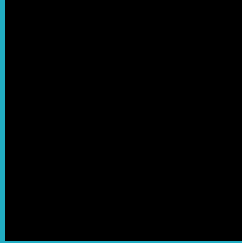
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 21ADC3 Background



This preview shows how black text looks on a background with the Hex color 21ADC3.

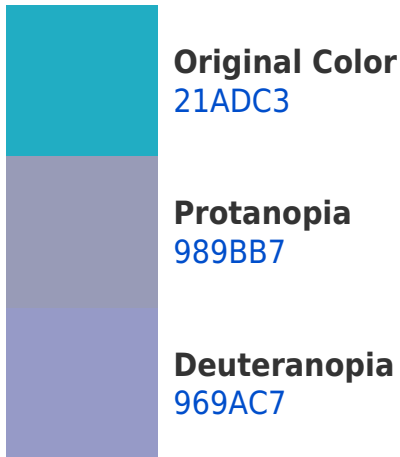


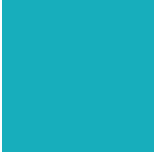
This preview shows how white text looks on a background with the Hex color 21ADC3.

# 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](#).

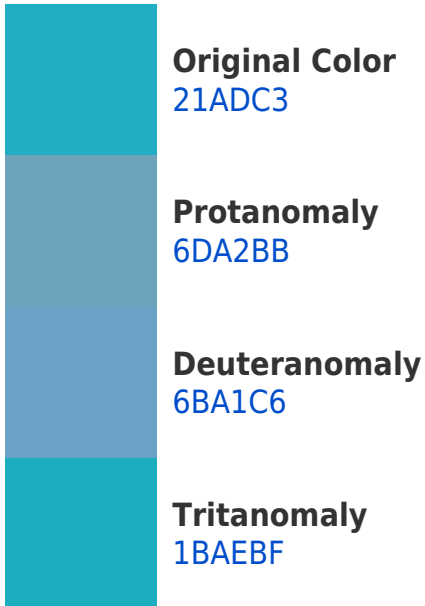
## Dichromacy





**Tritanopia**  
17AEB3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 21ADC3 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 #21ADC3 looks like.

```
.text, #text, p{  
    color:#21ADC3  
}
```

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 #21ADC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21ADC3  
}
```

## Border

The CSS property to change the border of an element to Hex 21ADC3 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  
#21ADC3 }
```

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

```
.border{ border-color:#21ADC3 }
```

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

Here you see how a box with a 4 pixel #21ADC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21ADC3; -webkit-box-shadow:4px 4px  
4px 4px #21ADC3; box-shadow:4px 4px 4px  
4px #21ADC3 }
```

# Background

The CSS property to change the background color of an element to Hex 21ADC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21ADC3 }
```

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

```
.background{ background-color:#21ADC3 }
```

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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