

# Converting Colors

Hex(21ABCC)

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

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# **Color**

**Hex(21ABCC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21ABCC
RGB	33, 171, 204
RGB Percent	13%, 67%, 80%
CMY	0.8706, 0.3294, 0.2000
CMYK	0.84, 0.16, 0.00, 0.20
HSL	192°, 72%, 46%
HSV	192°, 84%, 80%
XYZ	26.0892, 33.8088, 62.2774
YIQ	133.5000, -92.8410, -18.9930

# Conversions

## Conversions Part 2

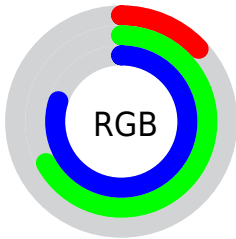
Format	Color
<a href="#">RYB</a>	33, 109, 204
Decimal	2206668
CIELab	64.81, -23.38, -26.69
CIELCh	65, 35.478, 228.786
Yxy	33.8088, 0.2135, 0.2767
Android (android.graphics.Color)	4280396748 (0xFF21ABCC)
YUV	133.5000, 34.7565, -88.1385
Hunter-Lab	58.1453, -21.6633, -22.8017




# Details

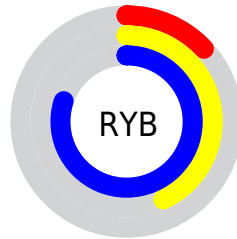
The Hex color **21ABCC** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CC4221**, and the grayscale version is **858585**.




A 20% lighter version of the original color is **6EE3FF**, and **007796** is the 20% darker color. If you saturate the color by 10%, you get **0DA7CC**, and if you desaturate by 10%, it is **35AFCC**.

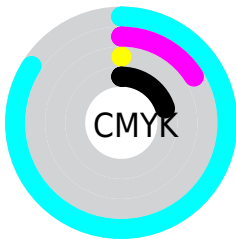
# Distribution







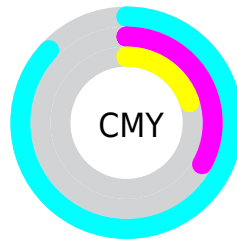
-  Red (13%)
-  Green (67%)
-  Blue (80%)






-  Red (13%)
-  Yellow (43%)
-  Blue (80%)



-  Cyan (84%)
-  Magenta (16%)
-  Yellow (0%)
-  Black (20%)



-  Cyan (87%)
-  Magenta (33%)
-  Yellow (20%)

# Brightness & Saturation Gradients

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



■ 21ABCC

■ 21ABCC

FFFFFF

■ 0090B0

■ 6EE3FF

■ 007796

■ 8EFFFF

■ 005E7C

■ ACFFFF

■ 004663

■ CBFFFF

■ 002F4B

■ EAFFFF

■ 001C34

■ 00021F

■ 000001

■ 000000

■ 21ABCC

■ 21ABCC

■ 0DA7CC

■ 35AFCC

■ 00A5CC

■ 4AB3CC

■ 5EB7CC

■ 73BBCC

■ 87BFCC

■ 9BC3CC

■ B0C7CC

■ C4CACC

■ D9CECC

# Harmonies

## Analogous

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



22AEB1



21ABCC



5AA4DB

# Triad

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



21ABCC



D386AB



9EA260

# Complementary

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



21ABCC



CC4221

# 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.



BD975F



21ABCC



DB858A

# Square

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



21ABCC



B98EC7



D38C6F



7AA972

# Rectangle

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



21ABCC



7F9DDC



D38C6F



A99E5E

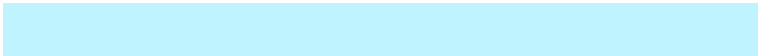


# Sweetspot

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



21ABCC



BFF3FF



21CC40



597880



000000



808080

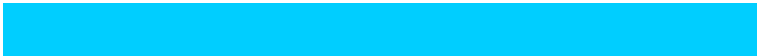


# Same Dimension

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



21ABCC



00CEFF



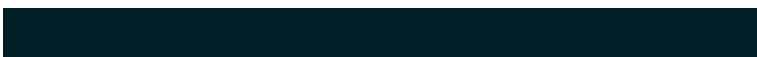
2157CC



5C6466



0086A6



001F26



# Inverse Universe

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



CC21AB



FF00CE



CC9621



665C64



A60086



26001F



# Previews

## White Background



This preview shows how the Hex color 21ABCC 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 21ABCC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

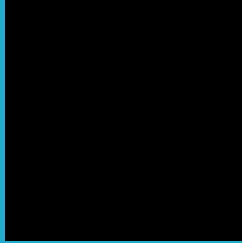
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 21ABCC Background



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



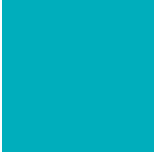
This preview shows how white text looks on a background with the Hex color 21ABCC.

# 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](#).

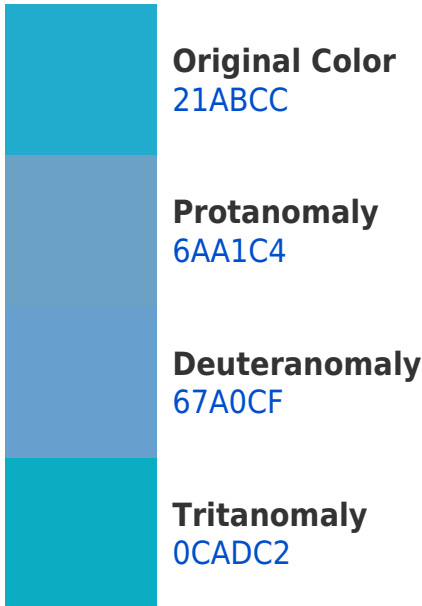
## Dichromacy



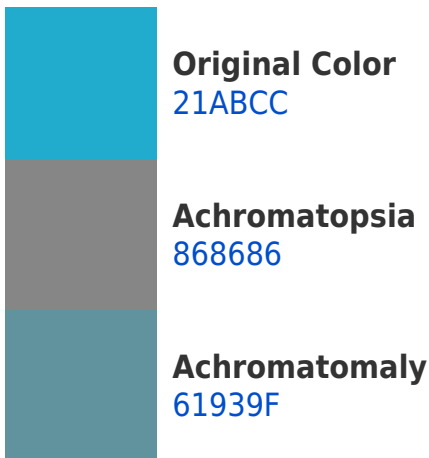


**Tritanopia**  
00AEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #21ABCC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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