

# Converting Colors

Hex(21A5B3)

Have a look what the booklet for  
Hex(21A5B3) contains.

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# Color

Hex(21A5B3)

# Conversions

## Conversions Part 1

Format	Color
Hex	21A5B3
RGB	33, 165, 179
RGB Percent	13%, 65%, 70%
CMY	0.8706, 0.3529, 0.2980
CMYK	0.82, 0.08, 0.00, 0.30
HSL	186°, 69%, 42%
HSV	186°, 82%, 70%
XYZ	22.2190, 30.4883, 47.3616
YIQ	127.1280, -83.1660, -23.6300

# Conversions

## Conversions Part 2

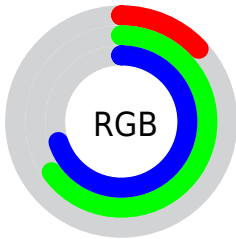
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 102, 179
Decimal	2205107
CIELab	62.07, -28.51, -16.93
CIELCh	62, 33.159, 210.698
Yxy	30.4883, 0.2220, 0.3047
Android (android.graphics.Color)	4280395187 (0xFF21A5B3)
YUV	127.1280, 25.5729, -82.5503
Hunter-Lab	55.2162, -24.7999, -12.2046

# Details

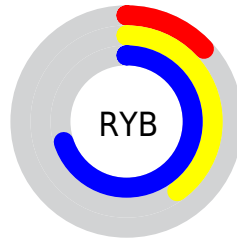
The Hex color **21A5B3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B32F21**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6ADCEB**, and **00717E** is the 20% darker color. If you saturate the color by 10%, you get **0FA3B3**, and if you desaturate by 10%, it is **33A7B3**.

# Distribution



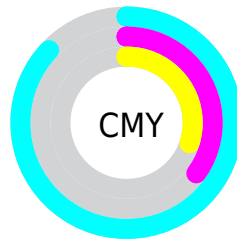
- Red (13%)
- Green (65%)
- Blue (70%)



- Red (13%)
- Yellow (40%)
- Blue (70%)



- Cyan (82%)
- Magenta (8%)
- Yellow (0%)
- Black (30%)



- Cyan (87%)
- Magenta (35%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 21A5B3 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 21A5B3 by changing the saturation by 10% instead.



 21A5B3

 21A5B3

FFFFFF

 008A98

 6ADCEB

 00717E

 88F9FF

 005865

 A6FFFF

 00404D

 C4FFFF

 002936

 E3FFFF

 000F21

 000008

 000000

 21A5B3

 21A5B3

0FA3B3

33A7B3

00A2B3

45A8B3

57AAB3

69ACB3

7BAEB3

8CAFB3

9EB1B3

B0B3B3

C2B4B3

# Harmonies

## Analogous

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



41A696



21A5B3



3BA1C8

# Triad

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



21A5B3



BC84B3



A9945B

# Complementary

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



21A5B3



B32F21

# 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.



C18A64



21A5B3



CD7F96

# Square

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



21A5B3



9A8EC9



CE8279



8A9D62

# Rectangle

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



21A5B3



5D9CCF



CE8279



B2915C



# Sweetspot

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



21A5B3



B0E3E8



21B32D



537275



F5F5F5



757575



# Same Dimension

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



21A5B3



05D2E8



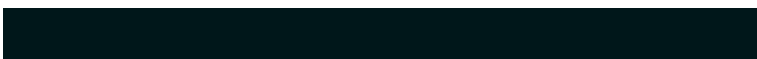
215EB3



505859



008A99



00171A



# Inverse Universe

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



B321A5



E805D2



B37621



595058



99008A



1A0017



# Previews

## White Background



This preview shows how the Hex color 21A5B3 looks on a white background.

## Color Contrast Check

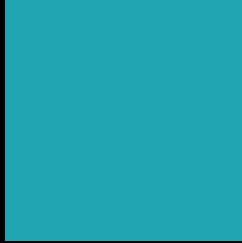
Large Text (above 18pt) WCAG AA × Fail

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 21A5B3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

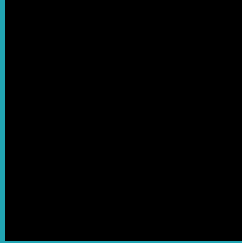
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 21A5B3 Background



This preview shows how black text looks on a background with the Hex color 21A5B3.

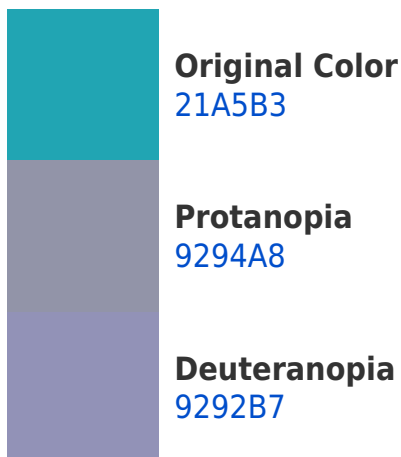


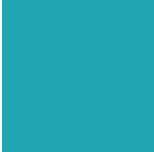
This preview shows how white text looks on a background with the Hex color 21A5B3.

# 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**  
20A5B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 21A5B3 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 #21A5B3 looks like.

```
.text, #text, p{  
    color:#21A5B3  
}
```

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 #21A5B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21A5B3
}
```

## Border

The CSS property to change the border of an element to Hex 21A5B3 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
#21A5B3 }
```

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

```
.border{ border-color:#21A5B3 }
```

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

Here you see how a box with a 4 pixel #21A5B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21A5B3; -webkit-box-shadow:4px 4px  
4px 4px #21A5B3; box-shadow:4px 4px 4px  
4px #21A5B3 }
```

# Background

The CSS property to change the background color of an element to Hex 21A5B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21A5B3 }
```

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

```
.background{ background-color:#21A5B3 }
```

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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