

# Converting Colors

Hex(21A3A3)

Have a look what the booklet for  
Hex(21A3A3) contains.

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# Color

Hex(21A3A3)

# Conversions

## Conversions Part 1

Format	Color
Hex	21A3A3
RGB	33, 163, 163
RGB Percent	13%, 64%, 64%
CMY	0.8706, 0.3608, 0.3608
CMYK	0.80, 0.00, 0.00, 0.36
HSL	180°, 66%, 38%
HSV	180°, 80%, 64%
XYZ	20.3353, 29.1621, 39.2074
YIQ	124.1300, -77.4800, -27.5600

# Conversions

## Conversions Part 2

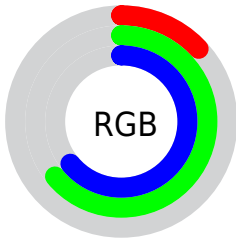
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 98, 163
Decimal	2204579
CIELab	60.92, -32.52, -9.66
CIElCh	61, 33.927, 196.541
Yxy	29.1621, 0.2292, 0.3288
Android (android.graphics.Color)	4280394659 (0xFF21A3A3)
YUV	124.1300, 19.1629, -79.9210
Hunter-Lab	54.0019, -27.2864, -5.2454

# Details

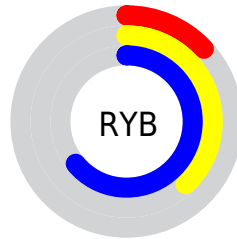
The Hex color **21A3A3** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A32121**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **68DADA**, and **006F6F** is the 20% darker color. If you saturate the color by 10%, you get **11A3A3**, and if you desaturate by 10%, it is **31A3A3**.

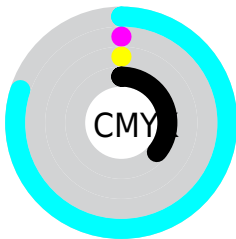
# Distribution



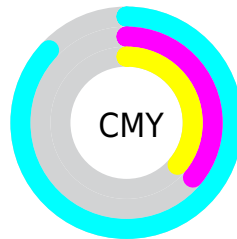
- Red (13%)
- Green (64%)
- Blue (64%)



- Red (13%)
- Yellow (38%)
- Blue (64%)



- Cyan (80%)
- Magenta (0%)
- Yellow (0%)
- Black (36%)



- Cyan (87%)
- Magenta (36%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 21A3A3 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 21A3A3 by changing the saturation by 10% instead.



■ 21A3A3

■ 21A3A3

FFFFFF

■ 008889

■ 68DADA

■ 006F6F

■ 86F7F6

■ 005657

■ A3FFFF

■ 003E40

■ C1FFFF

■ 00282A

■ DFFFFF

■ 000716

FDFFFF

■ 000000

■ 21A3A3

■ 21A3A3

■ 11A3A3

■ 31A3A3

■ 00A3A3

■ 42A3A3

■ 52A3A3

■ 62A3A3

■ 72A3A3

■ 83A3A3

■ 93A3A3

■ A3A3A3

■ B4A3A3

# Harmonies

## Analogous

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



4EA284



21A3A3



19A0BE

# Triad

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



21A3A3



AB85BC



B38D59

# Complementary

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



21A3A3



A32121

# 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.



C68269



21A3A3



C57DA2

# Square

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



21A3A3



8290CC



CE7C83



969659

# Rectangle

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



21A3A3



3D9CC9



CE7C83



BA895D



# Sweetspot

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



21A3A3



A1D4D4



21A321



4C6B6B



EBEBEB



6B6B6B



# Same Dimension

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



21A3A3



08D4D4



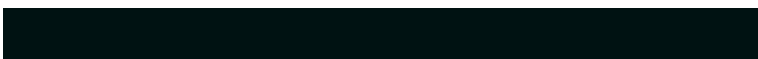
2162A3



495252



009191



001212



# Inverse Universe

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



A321A3



D408D4



A36221



524952



910091

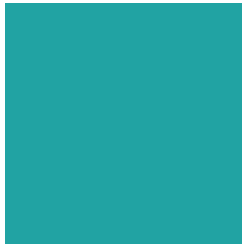


120012



# Previews

## White Background



This preview shows how the Hex color 21A3A3 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 21A3A3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

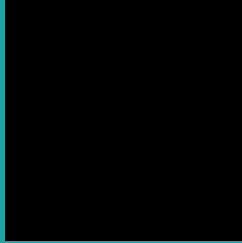
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 21A3A3 Background



This preview shows how black text looks on a background with the Hex color 21A3A3.

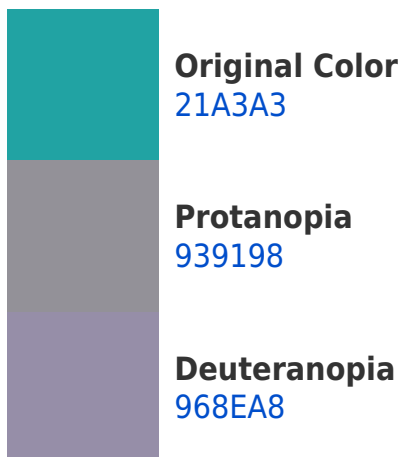


This preview shows how white text looks on a background with the Hex color 21A3A3.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 21A3A3 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 #21A3A3 looks like.

```
.text, #text, p{  
    color:#21A3A3  
}
```

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 #21A3A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21A3A3  
}
```

## Border

The CSS property to change the border of an element to Hex 21A3A3 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  
#21A3A3 }
```

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

```
.border{ border-color:#21A3A3 }
```

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

Here you see how a box with a 4 pixel #21A3A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21A3A3; -webkit-box-shadow:4px 4px  
4px 4px #21A3A3; box-shadow:4px 4px 4px  
4px #21A3A3 }
```

# Background

The CSS property to change the background color of an element to Hex 21A3A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21A3A3 }
```

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

```
.background{ background-color:#21A3A3 }
```

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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