

# Converting Colors

Hex(21AB82)

Have a look what the booklet for  
Hex(21AB82) contains.

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**Color**

**Hex(21AB82)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21AB82
RGB	33, 171, 130
RGB Percent	13%, 67%, 51%
CMY	0.8706, 0.3294, 0.4902
CMYK	0.81, 0.00, 0.24, 0.33
HSL	162°, 68%, 40%
HSV	162°, 81%, 67%
XYZ	19.2194, 31.0609, 26.1015
YIQ	125.0640, -69.0870, -42.0070

# Conversions

## Conversions Part 2

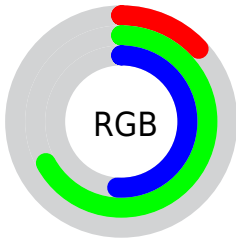
Format	Color
<a href="#">RYB</a>	<a href="#">33, 114, 171</a>
Decimal	<a href="#">2206594</a>
CIELab	<a href="#">62.56, -45.14, 11.21</a>
CIELCh	<a href="#">63, 46.512, 166.059</a>
Yxy	<a href="#">31.0609, 0.2516, 0.4067</a>
Android (android.graphics.Color)	<a href="#">4280396674 (0xFF21AB82)</a>
YUV	<a href="#">125.0640, 2.4334, -80.7401</a>
Hunter-Lab	<a href="#">55.7323, -35.9754, 11.2449</a>

# Details

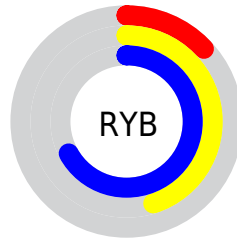
The Hex color **21AB82** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AB214A**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **67E3B7**, and **007651** is the 20% darker color. If you saturate the color by 10%, you get **10AB7D**, and if you desaturate by 10%, it is **32AB87**.

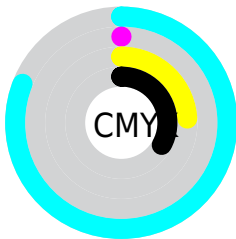
# Distribution



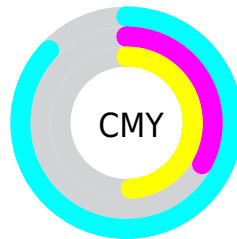
- Red (13%)
- Green (67%)
- Blue (51%)



- Red (13%)
- Yellow (45%)
- Blue (67%)



- Cyan (81%)
- Magenta (0%)
- Yellow (24%)
- Black (33%)



- Cyan (87%)
- Magenta (33%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 21AB82 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 21AB82 by changing the saturation by 10% instead.



 21AB82

 21AB82

FFFFFF

 009069

 67E3B7

 007651

 84FFD3

 005C3A

 A2FFEF

 004324

 C0FFFF

 002D0F

 DDFFFF

 001000

 FCFFFF

 000000

 21AB82

 21AB82

 10AB7D

 32AB87

■ 00AB78

■ 43AB8C

■ 54AB91

■ 65AB96

■ 77AB9B

■ 88ABA0

■ 99ABA6

■ AAABAB

■ BBABB0

# Harmonies

## Analogous

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



6BA65C



21AB82



00ACAD

# Triad

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



21AB82



7A94E7



DB7F5E

# Complementary

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



21AB82



AB214A

# 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.



E57583



21AB82



B784D1

# Square

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



21AB82



00A1E7



DA77AC



C08E46

# Rectangle

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



21AB82



00ABC7



DA77AC



E07B69



# Sweetspot

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



21AB82



A9DECE



4AAB21



507067



F0F0F0



707070



# Same Dimension

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



21AB82



07DE9E



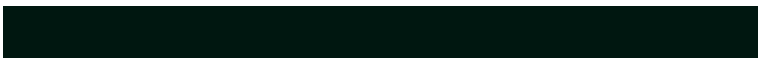
218FAB



4E5754



00966A



001710



# Inverse Universe

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



AB214A



DE0747



AB3D21



574E51



96002D

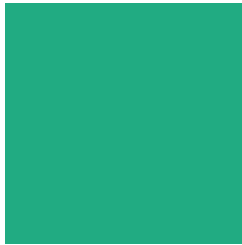


170007



# Previews

## White Background



This preview shows how the Hex color 21AB82 looks on a white background.

## Color Contrast Check

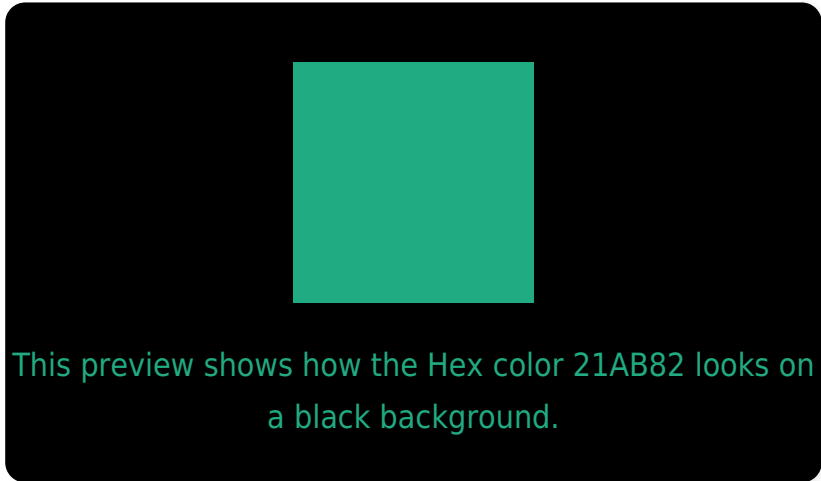
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

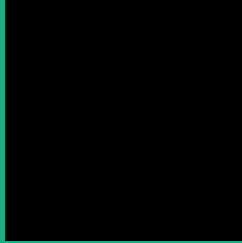
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 21AB82 Background



This preview shows how black text looks on a background with the Hex color 21AB82.

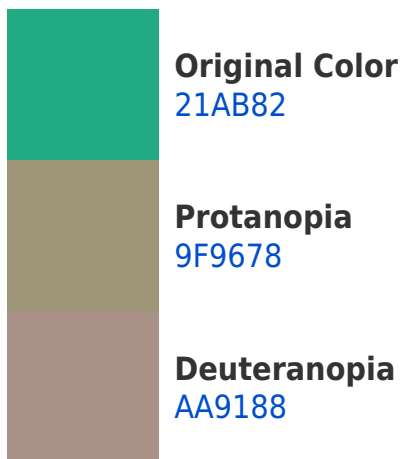


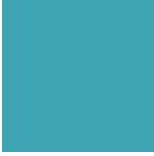
This preview shows how white text looks on a background with the Hex color 21AB82.

# 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](#).

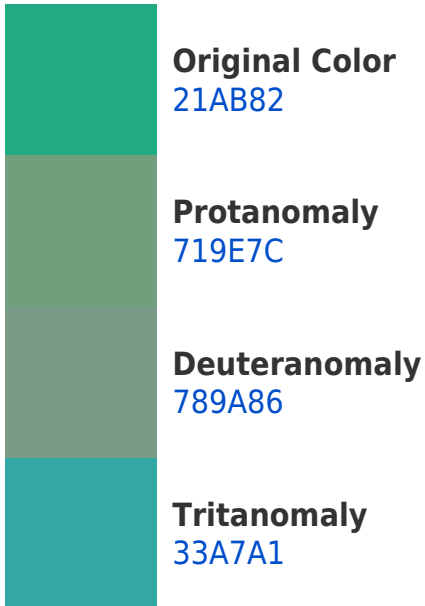
## Dichromacy





**Tritanopia**  
3EA5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 21AB82 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 #21AB82 looks like.

```
.text, #text, p{  
    color:#21AB82  
}
```

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 #21AB82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21AB82
}
```

## Border

The CSS property to change the border of an element to Hex 21AB82 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
#21AB82 }
```

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

```
.border{ border-color:#21AB82 }
```

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

Here you see how a box with a 4 pixel #21AB82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21AB82; -webkit-box-shadow:4px 4px  
4px 4px #21AB82; box-shadow:4px 4px 4px  
4px #21AB82 }
```

# Background

The CSS property to change the background color of an element to Hex 21AB82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21AB82 }
```

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

```
.background{ background-color:#21AB82 }
```

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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