

Converting Colors

Hex(21BA82)

Have a look what the booklet for
Hex(21BA82) contains.

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Color

Hex(21BA82)

Conversions

Conversions Part 1

Format	Color
Hex	21BA82
RGB	33, 186, 130
RGB Percent	13%, 73%, 51%
CMY	0.8706, 0.2706, 0.4902
CMYK	0.82, 0.00, 0.30, 0.27
HSL	158°, 70%, 43%
HSV	158°, 82%, 73%
XYZ	22.2154, 37.0529, 27.1001
YIQ	133.8690, -73.2120, -49.8520

Conversions

Conversions Part 2

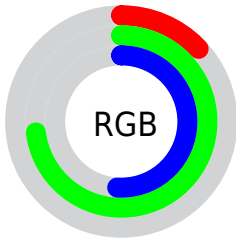
Format	Color
RYB	33, 127, 186
Decimal	2210434
CIELab	67.32, -51.13, 17.84
CIELCh	67, 54.154, 160.762
Yxy	37.0529, 0.2572, 0.4290
Android (android.graphics.Color)	4280400514 (0xFF21BA82)
YUV	133.8690, -1.9074, -88.4621
Hunter-Lab	60.8711, -41.3794, 16.2135

Details

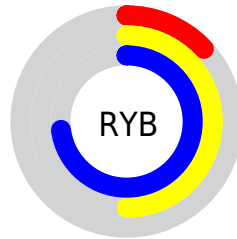
The Hex color **21BA82** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BA2159**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6AF3B7**, and **008450** is the 20% darker color. If you saturate the color by 10%, you get **0EBA7B**, and if you desaturate by 10%, it is **34BA89**.

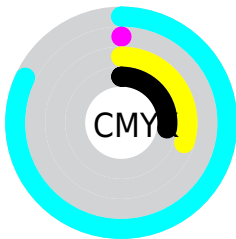
Distribution



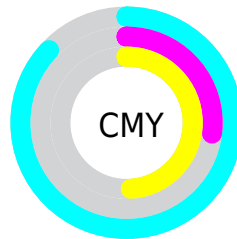
- Red (13%)
- Green (73%)
- Blue (51%)



- Red (13%)
- Yellow (50%)
- Blue (73%)



- Cyan (82%)
- Magenta (0%)
- Yellow (30%)
- Black (27%)



- Cyan (87%)
- Magenta (27%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21BA82 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 21BA82 by changing the saturation by 10% instead.



21BA82



21BA82

FFFFFF



009E69



6AF3B7



008450



88FFD3



006939



A6FEEF



005023



C4FFFF



00380E



E3FFFF



002100



000000



21BA82



21BA82



0EBA7B



34BA89

00BA76

46BA90

59BA96

6BBA9D

7EBAA4

91BAAB

A3BAB2

B6BAB8

C8BABF

Harmonies

Analogous

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



7AB357



21BA82



00BCB5

Triad

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



21BA82



6DA3FF



F68466

Complementary

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



21BA82



BA2159

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.



FF7994



21BA82



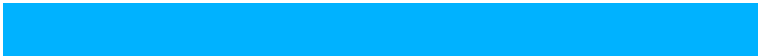
BE90EE

Square

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



21BA82



00B2FF



ED7EC5



D99646

Rectangle

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



21BA82



00BBD4



ED7EC5



FC7F75

Sweetspot

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



21BA82



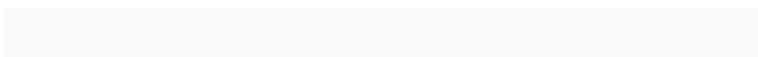
B6F2DC



59BA21



567A6D



FAFAFA



7A7A7A

Same Dimension

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



21BA82



02F29A



21A6BA



535C58



009C63



001C12

Inverse Universe

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



BA2159



F2025A



BA3521



5C5356



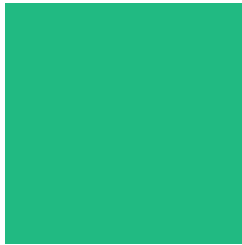
9C0039



1C000A

Previews

White Background



This preview shows how the Hex color 21BA82 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 21BA82 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

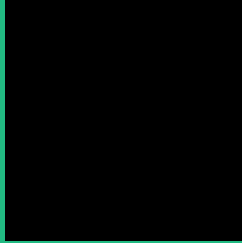
Any Text WCAG AA ✓ Pass

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 21BA82 Background



This preview shows how black text looks on a background with the Hex color 21BA82.

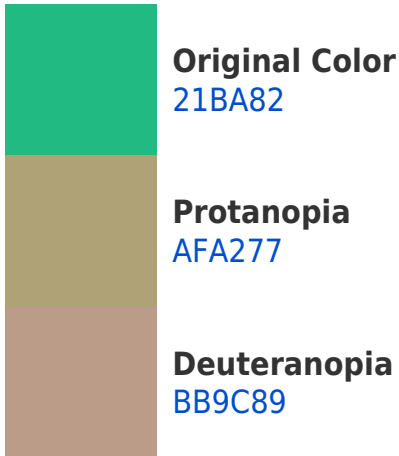


This preview shows how white text looks on a background with the Hex color 21BA82.

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
45B2C0

Trichromacy



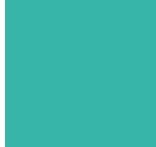
Original Color
21BA82



Protanomaly
7BAB7B



Deuteranomaly
83A786



Tritanomaly
38B5A9

Monochromacy



Original Color
21BA82



Achromatopsia
868686



Achromatomaly
619985

CSS Examples

Text

The CSS property to change the color of the text to Hex 21BA82 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 #21BA82 looks like.

```
.text, #text, p{  
    color:#21BA82  
}
```

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 #21BA82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21BA82
}
```

Border

The CSS property to change the border of an element to Hex 21BA82 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
#21BA82 }
```

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

```
.border{ border-color:#21BA82 }
```

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

Here you see how a box with a 4 pixel #21BA82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21BA82; -webkit-box-shadow:4px 4px  
4px 4px #21BA82; box-shadow:4px 4px 4px  
4px #21BA82 }
```

Background

The CSS property to change the background color of an element to Hex 21BA82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21BA82 }
```

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

```
.background{ background-color:#21BA82 }
```

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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