

Converting Colors

Hex(21CC8A)

Have a look what the booklet for
Hex(21CC8A) contains.

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Color

Hex(21CC8A)

Conversions

Conversions Part 1

Format	Color
Hex	21CC8A
RGB	33, 204, 138
RGB Percent	13%, 80%, 54%
CMY	0.8706, 0.2000, 0.4588
CMYK	0.84, 0.00, 0.32, 0.20
HSL	157°, 72%, 46%
HSV	157°, 84%, 80%
XYZ	26.8075, 45.3440, 31.3841
YIQ	145.3470, -80.7300, -56.7780

Conversions

Conversions Part 2

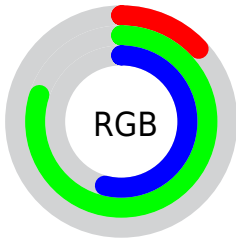
Format	Color
RYB	33, 139, 204
Decimal	2215050
CIELab	73.12, -56.23, 21.54
CIELCh	73, 60.212, 159.041
Yxy	45.3440, 0.2589, 0.4380
Android (android.graphics.Color)	4280405130 (0xFF21CC8A)
YUV	145.3470, -3.6221, -98.5283
Hunter-Lab	67.3380, -46.7799, 19.5034

Details

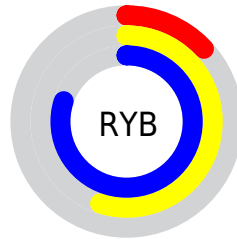
The Hex color **21CC8A** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **CC2163**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6EFFC0**, and **009458** is the 20% darker color. If you saturate the color by 10%, you get **0DCC82**, and if you desaturate by 10%, it is **35CC92**.

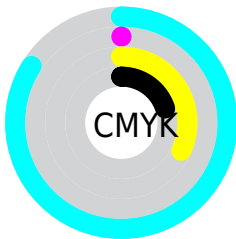
Distribution



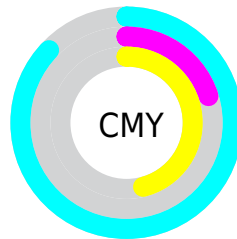
- Red (13%)
- Green (80%)
- Blue (54%)



- Red (13%)
- Yellow (55%)
- Blue (80%)



- Cyan (84%)
- Magenta (0%)
- Yellow (32%)
- Black (20%)



- Cyan (87%)
- Magenta (20%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21CC8A 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 21CC8A by changing the saturation by 10% instead.

 21CC8A

 21CC8A

FFFFFF

 00B070

 6EFFC0

 009458

 8EFFDC

 007A40

 ACFFF8

 006029

 CBFFF8

 004613

 EAFFF8

 003000

 001300

 000000

 21CC8A

 21CC8A

 0DCC82

 35CC92

 00CC7D

 4ACC9A

 5ECCA2

 73CCA9

 87CCB1

 9BCCB9

 B0CCC1

 C4CCC9

 D9CCD1

Harmonies

Analogous

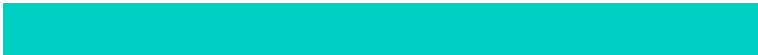
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87C459



21CC8A



00CFC3

Triad

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



21CC8A



6CB4FF



FF8E71

Complementary

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



21CC8A



CC2163

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.



FF82A5



21CC8A



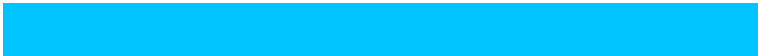
CD9EFF

Square

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



21CC8A



00C4FF



FF89DC



F2A34A

Rectangle

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



21CC8A



00CEE7



FF89DC



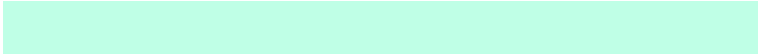
FF8881

Sweetspot

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



21CC8A



BFFFE6



65CC21



598071



000000



808080

Same Dimension

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



21CC8A



00FF9D



21BBCC



5C6662



00A666



002617

Inverse Universe

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



CC2163



FF0062



CC3221



665C60



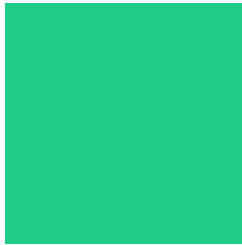
A60040



26000F

Previews

White Background



This preview shows how the Hex color 21CC8A 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 21CC8A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

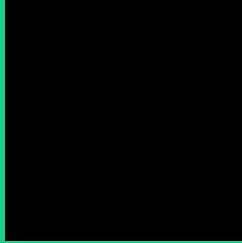
Any Text WCAG AA ✓ Pass

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 21CC8A Background



This preview shows how black text looks on a background with the Hex color 21CC8A.

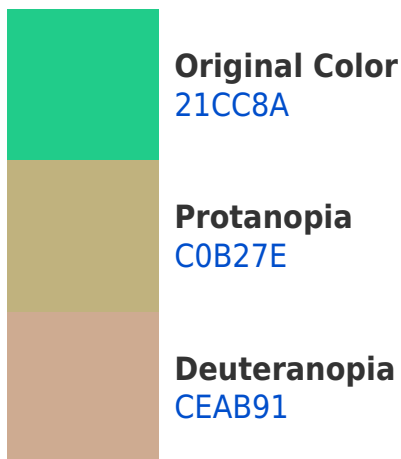


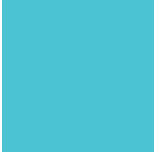
This preview shows how white text looks on a background with the Hex color 21CC8A.

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
4CC3D3

Trichromacy



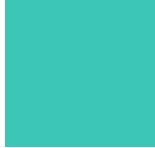
Original Color
21CC8A



Protanomaly
86BB82



Deuteranomaly
8FB78E



Tritanomaly
3CC6B8

Monochromacy



Original Color
21CC8A



Achromatopsia
919191



Achromatomaly
68A68E

CSS Examples

Text

The CSS property to change the color of the text to Hex 21CC8A 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 #21CC8A looks like.

```
.text, #text, p{  
    color:#21CC8A  
}
```

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 #21CC8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21CC8A
}
```

Border

The CSS property to change the border of an element to Hex 21CC8A 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
#21CC8A }
```

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

```
.border{ border-color:#21CC8A }
```

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

Here you see how a box with a 4 pixel #21CC8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21CC8A; -webkit-box-shadow:4px 4px  
4px 4px #21CC8A; box-shadow:4px 4px 4px  
4px #21CC8A }
```

Background

The CSS property to change the background color of an element to Hex 21CC8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21CC8A }
```

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

```
.background{ background-color:#21CC8A }
```

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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