

Converting Colors

Hex(22C2A9)

Have a look what the booklet for
Hex(22C2A9) contains.

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Color

Hex(22C2A9)

Conversions

Conversions Part 1

Format	Color
Hex	22C2A9
RGB	34, 194, 169
RGB Percent	13%, 76%, 66%
CMY	0.8667, 0.2392, 0.3373
CMYK	0.82, 0.00, 0.13, 0.24
HSL	171°, 70%, 45%
HSV	171°, 82%, 76%
XYZ	27.1129, 41.7882, 44.1731
YIQ	143.3100, -87.3350, -41.6950

Conversions

Conversions Part 2

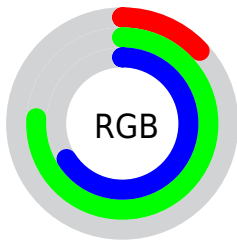
Format	Color
RYB	34, 121, 194
Decimal	2278057
CIELab	70.72, -44.67, 1.47
CIELCh	71, 44.696, 178.118
Yxy	41.7882, 0.2398, 0.3696
Android (android.graphics.Color)	4280468137 (0xFF22C2A9)
YUV	143.3100, 12.6652, -95.8649
Hunter-Lab	64.6438, -38.2602, 4.7360

Details

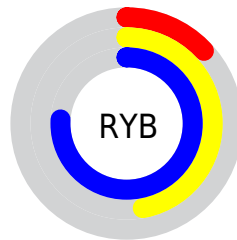
The Hex color **22C2A9** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C2223B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6EFBE0**, and **008B75** is the 20% darker color. If you saturate the color by 10%, you get **0FC2A6**, and if you desaturate by 10%, it is **35C2AC**.

Distribution



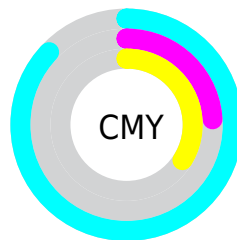
- Red (13%)
- Green (76%)
- Blue (66%)



- Red (13%)
- Yellow (47%)
- Blue (76%)



- Cyan (82%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)



- Cyan (87%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22C2A9 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 22C2A9 by changing the saturation by 10% instead.

 22C2A9

 22C2A9

FFFFFF

 00A68F

 6EFBE0

 008B75

 8DFFFD

 00715C

 ACFFFF

 005845

 CAFFFF

 003F2F

 E9FFFF

 002A1A

 000500

 000000

 22C2A9

 22C2A9

■ 0FC2A6

■ 35C2AC

■ 00C2A4

■ 49C2AF

■ 5CC2B2

■ 70C2B5

■ 83C2B8

■ 96C2BB

■ AAC2BE

■ BDC2C1

■ D1C2C4

Harmonies

Analogous

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



6EBE81



22C2A9



00C2D2

Triad

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



22C2A9



ADA3F5



E89B69

Complementary

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



22C2A9



C2223B

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.



FA8F89



22C2A9



DD95D9

Square

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



22C2A9



66B2FE



F78CB1



C9AA5A

Rectangle

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



22C2A9



00BFE8



F78CB1



F09772

Sweetspot

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



22C2A9



BDFCF3



3DC222



59807A



000000



808080

Same Dimension

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



22C2A9



03FCD5



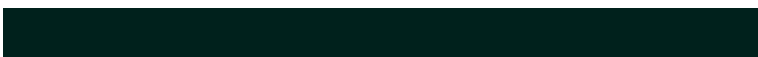
228DC2



57615F



00A188



00211C

Inverse Universe

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



C2223B



FC032A



C25722



615759



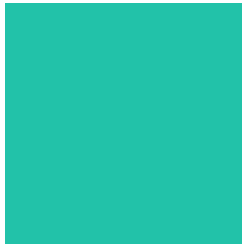
A10019



210005

Previews

White Background



This preview shows how the Hex color 22C2A9 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 22C2A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

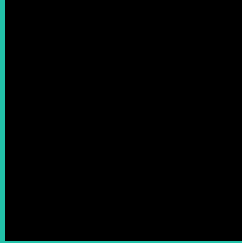
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

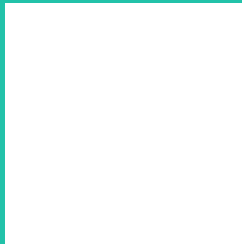
Any Text WCAG AAA ✓ Pass

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

Hex 22C2A9 Background



This preview shows how black text looks on a background with the Hex color 22C2A9.

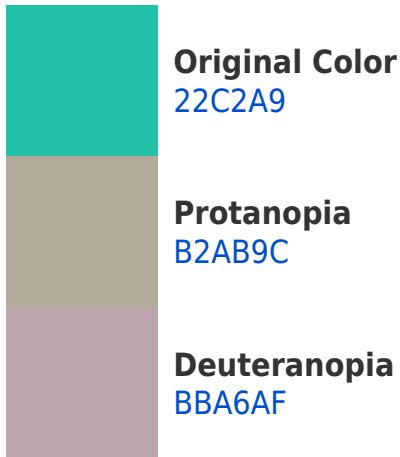


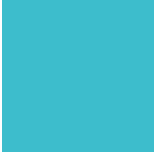
This preview shows how white text looks on a background with the Hex color 22C2A9.

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

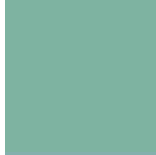




Trichromacy



Original Color
22C2A9



Protanomaly
7EB3A1



Deuteranomaly
83B0AD



Tritanomaly
33BFBF

Monochromacy



Original Color
22C2A9



Achromatopsia
8F8F8F



Achromatomaly
67A298

CSS Examples

Text

The CSS property to change the color of the text to Hex 22C2A9 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 #22C2A9 looks like.

```
.text, #text, p{  
    color:#22C2A9  
}
```

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 #22C2A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22C2A9
}
```

Border

The CSS property to change the border of an element to Hex 22C2A9 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
#22C2A9 }
```

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

```
.border{ border-color:#22C2A9 }
```

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

Here you see how a box with a 4 pixel #22C2A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22C2A9; -webkit-box-shadow:4px 4px  
4px 4px #22C2A9; box-shadow:4px 4px 4px  
4px #22C2A9 }
```

Background

The CSS property to change the background color of an element to Hex 22C2A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22C2A9 }
```

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

```
.background{ background-color:#22C2A9 }
```

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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