

Converting Colors

Hex(22C8C2)

Have a look what the booklet for
Hex(22C8C2) contains.

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Color

Hex(22C8C2)

Conversions

Conversions Part 1

Format	Color
Hex	22C8C2
RGB	34, 200, 194
RGB Percent	13%, 78%, 76%
CMY	0.8667, 0.2157, 0.2392
CMYK	0.83, 0.00, 0.03, 0.22
HSL	178°, 71%, 46%
HSV	178°, 83%, 78%
XYZ	31.0516, 45.5437, 58.1932
YIQ	149.6820, -97.0100, -37.0580

Conversions

Conversions Part 2

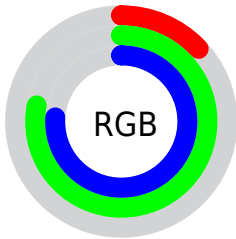
Format	Color
RYB	34, 119, 200
Decimal	2279618
CIELab	73.25, -40.33, -8.43
CIELCh	73, 41.199, 191.806
Yxy	45.5437, 0.2304, 0.3379
Android (android.graphics.Color)	4280469698 (0xFF22C8C2)
YUV	149.6820, 21.8488, -101.4531
Hunter-Lab	67.4861, -35.9695, -3.8855

Details

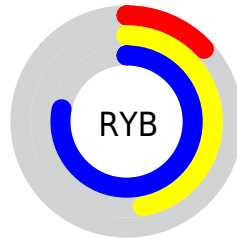
The Hex color **22C8C2** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted cyan. A complement of this color would be **C82228**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **71FFFA**, and **00918D** is the 20% darker color. If you saturate the color by 10%, you get **0EC8C1**, and if you desaturate by 10%, it is **36C8C3**.

Distribution



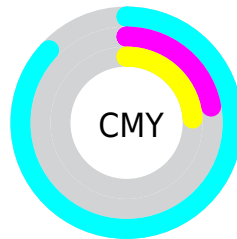
- Red (13%)
- Green (78%)
- Blue (76%)



- Red (13%)
- Yellow (47%)
- Blue (78%)



- Cyan (83%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (87%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22C8C2 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 22C8C2 by changing the saturation by 10% instead.

 22C8C2

 22C8C2

FFFFFF

 00ACA7

 71FFFA

 00918D

 91FFFF

 007773

 B0FFFF

 005D5B

 CFFFFFF

 004543

 EFFFFFF

 002E2D

 001419

 000000

 22C8C2

 22C8C2

■ 0EC8C1

■ 36C8C3

■ 00C8C1

■ 4AC8C3

■ 5EC8C4

■ 72C8C5

■ 86C8C6

■ 9AC8C6

■ AEC8C7

■ C2C8C8

■ D6C8C9

Harmonies

Analogous

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



64C69B



22C8C2



00C5E5

Triad

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



22C8C2



CBA5EC



E0AA6C

Complementary

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



22C8C2



C82228

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.



F79D83



22C8C2



EF99CC

Square

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



22C8C2



95B3FD



FD96A6



BEB669

Rectangle

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



22C8C2



33C1F6



FD96A6



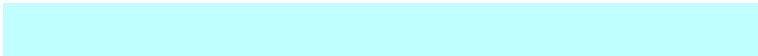
E9A572

Sweetspot

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



22C8C2



BFFFFD



2AC822



59807E



000000



808080

Same Dimension

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



22C8C2



00FFF6



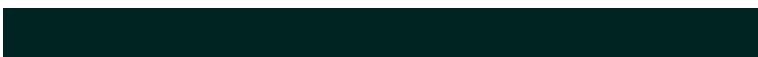
227DC8



5A6363



00A39D



002422

Inverse Universe

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



C82228



FF0009



C86D22



635A5A



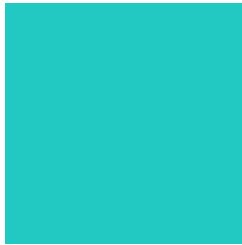
A30006



240001

Previews

White Background



This preview shows how the Hex color 22C8C2 looks on a white background.

Color Contrast Check

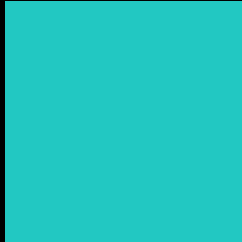
Large Text (above 18pt) WCAG AA × Fail

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 22C8C2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

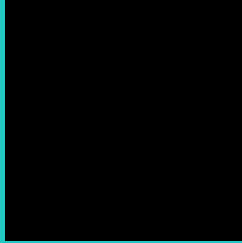
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

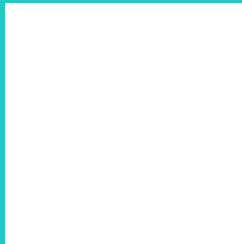
Any Text WCAG AAA ✓ Pass

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

Hex 22C8C2 Background



This preview shows how black text looks on a background with the Hex color 22C8C2.

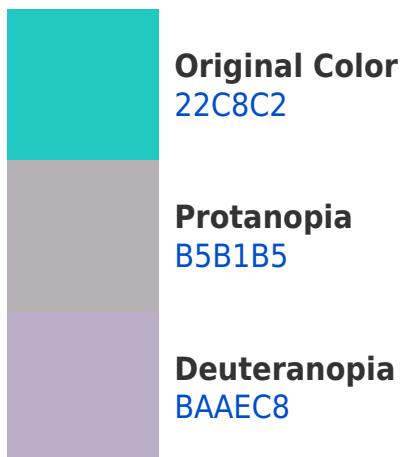


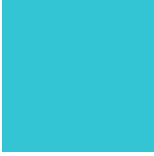
This preview shows how white text looks on a background with the Hex color 22C8C2.

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
34C5D5

Trichromacy



Original Color
22C8C2



Protanomaly
80B9BA



Deuteranomaly
83B7C6



Tritanomaly
2DC6CE

Monochromacy



Original Color
22C8C2



Achromatopsia
969696



Achromatomaly
6CA8A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 22C8C2 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 #22C8C2 looks like.

```
.text, #text, p{  
    color:#22C8C2  
}
```

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 #22C8C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22C8C2
}
```

Border

The CSS property to change the border of an element to Hex 22C8C2 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
#22C8C2 }
```

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

```
.border{ border-color:#22C8C2 }
```

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

Here you see how a box with a 4 pixel #22C8C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22C8C2; -webkit-box-shadow:4px 4px  
4px 4px #22C8C2; box-shadow:4px 4px 4px  
4px #22C8C2 }
```

Background

The CSS property to change the background color of an element to Hex 22C8C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22C8C2 }
```

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

```
.background{ background-color:#22C8C2 }
```

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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