

Converting Colors

Hex(22C9D9)

Have a look what the booklet for
Hex(22C9D9) contains.

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Color

Hex(22C9D9)

Conversions

Conversions Part 1

Format	Color
Hex	22C9D9
RGB	34, 201, 217
RGB Percent	13%, 79%, 85%
CMY	0.8667, 0.2118, 0.1490
CMYK	0.84, 0.07, 0.00, 0.15
HSL	185°, 73%, 49%
HSV	185°, 84%, 85%
XYZ	34.0707, 47.1231, 72.9456
YIQ	152.8910, -104.6680, -30.4280

Conversions

Conversions Part 2

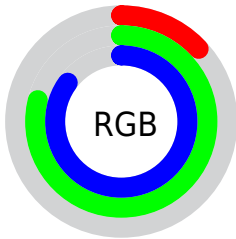
Format	Color
R _{YB}	34, 121, 217
Decimal	2279897
CIE Lab	74.27, -33.91, -19.37
CIE LCh	74, 39.047, 209.734
Yxy	47.1231, 0.2210, 0.3057
Android (android.graphics.Color)	4280469977 (0xFF22C9D9)
YUV	152.8910, 31.6057, -104.2674
Hunter-Lab	68.6463, -31.5374, -14.9509

Details

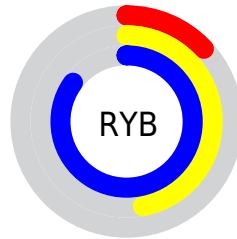
The Hex color **22C9D9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **D93222**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **74FFFF**, and **0092A2** is the 20% darker color. If you saturate the color by 10%, you get **0CC7D9**, and if you desaturate by 10%, it is **38CBD9**.

Distribution



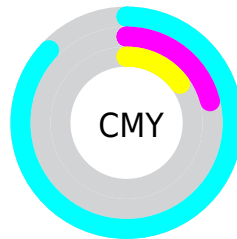
- Red (13%)
- Green (79%)
- Blue (85%)



- Red (13%)
- Yellow (47%)
- Blue (85%)



- Cyan (84%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (87%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22C9D9 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 22C9D9 by changing the saturation by 10% instead.

 22C9D9

 22C9D9

FFFFFF

 00ADB8

 74FFFF

 0092A2

 94FFFF

 007888

 B4FFFF

 005F6F

 D3FFFF

 004756

 F2FFFF

 002F3F

 001929

 000114

 000000

 22C9D9

 22C9D9

 0CC7D9

 38CBD9

 00C6D9

 4DCDD9

 63CFD9

 79D1D9

 8FD2D9

 A4D4D9

 BAD6D9

 D0D8D9

 E5DAD9

Harmonies

Analogous

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



4FCAB5



22C9D9



44C4F4

Triad

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



22C9D9



E4A1DB



CFB46E

Complementary

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



22C9D9



D93222

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.



ECA87A



22C9D9



FA9BB8

Square

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



22C9D9



BAADF5



FB9E95



A9BF77

Rectangle

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



22C9D9



6EBEFD



FB9E95



D9B070

Sweetspot

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



22C9D9



BFF9FF



22D931



597C80



000000



808080

Same Dimension

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



22C9D9



00E9FF



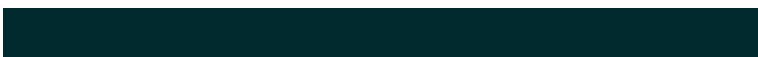
226ED9



636D6E



009EAD



002A2E

Inverse Universe

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



D922C9



FF00E9



D98D22



6E636D



AD009E



2E002A

Previews

White Background



This preview shows how the Hex color 22C9D9 looks on a white background.

Color Contrast Check

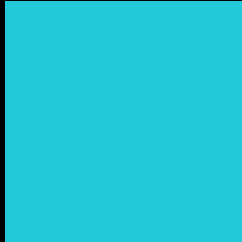
Large Text (above 18pt) WCAG AA × Fail

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 22C9D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

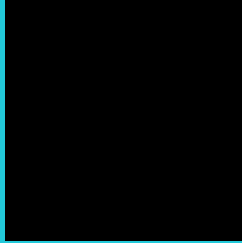
Any Text WCAG AA ✓ Pass

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 22C9D9 Background



This preview shows how black text looks on a background with the Hex color 22C9D9.

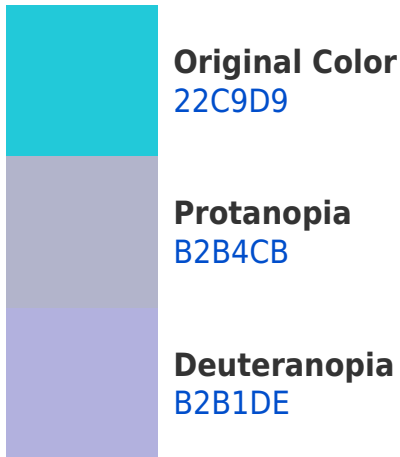


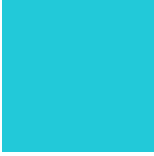
This preview shows how white text looks on a background with the Hex color 22C9D9.

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](#).

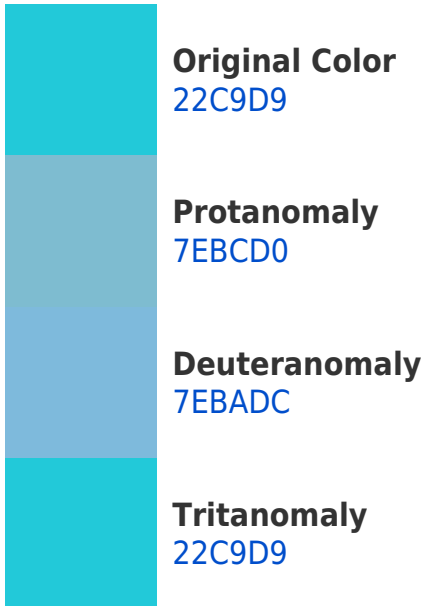
Dichromacy



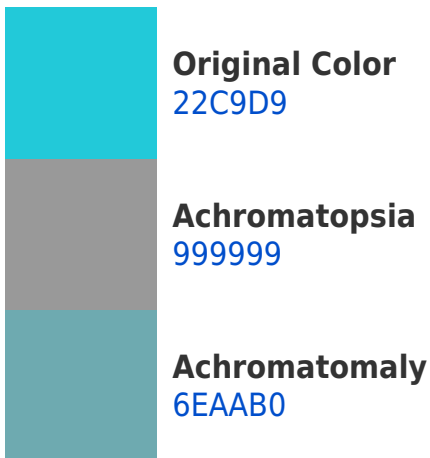


Tritanopia
22C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 22C9D9 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 #22C9D9 looks like.

```
.text, #text, p{  
    color:#22C9D9  
}
```

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 #22C9D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22C9D9
}
```

Border

The CSS property to change the border of an element to Hex 22C9D9 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
#22C9D9 }
```

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

```
.border{ border-color:#22C9D9 }
```

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

Here you see how a box with a 4 pixel #22C9D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22C9D9; -webkit-box-shadow:4px 4px  
4px 4px #22C9D9; box-shadow:4px 4px 4px  
4px #22C9D9 }
```

Background

The CSS property to change the background color of an element to Hex 22C9D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22C9D9 }
```

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

```
.background{ background-color:#22C9D9 }
```

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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