

Converting Colors

Hex(22D3BB)

Have a look what the booklet for
Hex(22D3BB) contains.

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Color

Hex(22D3BB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 22D3BB |
| RGB | 34, 211, 187 |
| RGB Percent | 13%, 83%, 73% |
| CMY | 0.8667, 0.1725, 0.2667 |
| CMYK | 0.84, 0.00, 0.11, 0.17 |
| HSL | 172°, 72%, 48% |
| HSV | 172°, 84%, 83% |
| XYZ | 32.9236, 50.5165, 55.0291 |
| YIQ | 155.3410, -97.7880, -44.9880 |

Conversions

Conversions Part 2

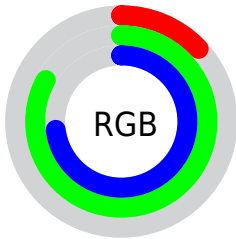
| Format | Color |
|-------------------------------------|--|
| RYB | 34, 129, 211 |
| Decimal | 2282427 |
| CIELab | 76.39, -47.06, -0.02 |
| CIELCh | 76, 47.062, 180.030 |
| Yxy | 50.5165, 0.2378, 0.3648 |
| Android (android.graphics.Color) | 4280472507 (0xFF22D3BB) |
| YUV | 155.3410, 15.6079, -106.4161 |
| Hunter-Lab | 71.0749, -41.6957, 3.8477 |

Details

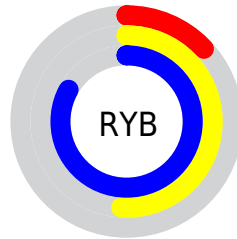
The Hex color **22D3BB** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **D3223A**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **72FFF3**, and **009B86** is the 20% darker color. If you saturate the color by 10%, you get **0DD3B8**, and if you desaturate by 10%, it is **37D3BE**.

Distribution



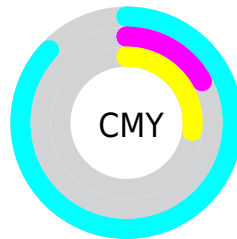
- Red (13%)
- Green (83%)
- Blue (73%)



- Red (13%)
- Yellow (51%)
- Blue (83%)



- Cyan (84%)
- Magenta (0%)
- Yellow (11%)
- Black (17%)



- Cyan (87%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22D3BB 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 22D3BB by changing the saturation by 10% instead.

 22D3BB

 22D3BB

FFFFFF

 00B7A0

 72FFF3

 009B86

 93FFFF

 00816D

 B2FFFF

 006754

 D1FFFF

 004E3D

 F0FFFF

 003528

 001F13

 000000

 22D3BB

 22D3BB

0DD3B8

37D3BE

00D3B6

4CD3C1

61D3C4

76D3C6

8CD3C9

A1D3CC

B6D3CF

CBD3D2

E0D3D5

Harmonies

Analogous

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



75CF8F



22D3BB



00D2E7

Triad

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



22D3BB



C0B1FF



FAAA72

Complementary

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



22D3BB



D3223A

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.



FF9D93



22D3BB



F3A2E9

Square

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



22D3BB



77C1FF



FF99BE



D8BA64

Rectangle

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



22D3BB



00CFFE



FF99BE



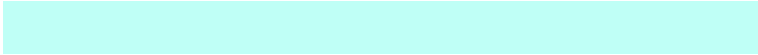
FFA57B

Sweetspot

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



22D3BB



BFFFF6



3DD322



59807A



000000



808080

Same Dimension

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



22D3BB



00FFDC



2295D3



5E6967



00A891



002923

Inverse Universe

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



D3223A



FF0023



D36022



695E60



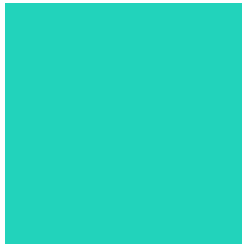
A80017



290006

Previews

White Background



This preview shows how the Hex color 22D3BB 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 22D3BB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

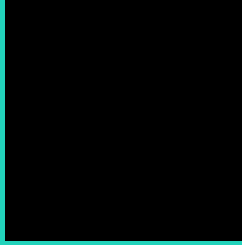
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

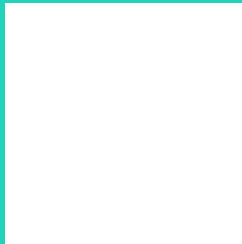
Any Text WCAG AAA ✓ Pass

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

Hex 22D3BB Background



This preview shows how black text looks on a background with the Hex color 22D3BB.

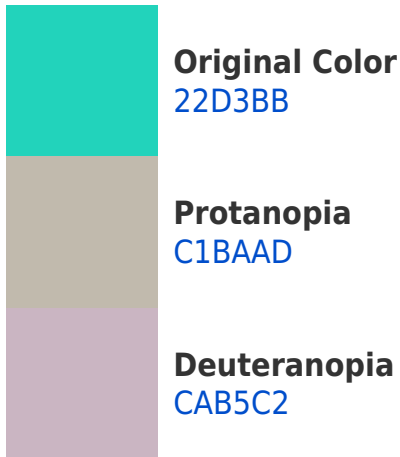


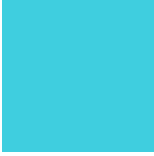
This preview shows how white text looks on a background with the Hex color 22D3BB.

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
3FCEDF

Trichromacy



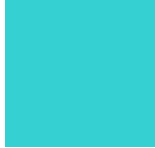
Original Color
22D3BB



Protanomaly
87C3B2



Deuteranomaly
8DC0BF



Tritanomaly
34D0D2

Monochromacy



Original Color
22D3BB



Achromatopsia
9B9B9B



Achromatomaly
6FAFA7

CSS Examples

Text

The CSS property to change the color of the text to Hex 22D3BB 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 #22D3BB looks like.

```
.text, #text, p{  
    color:#22D3BB  
}
```

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 #22D3BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22D3BB
}
```

Border

The CSS property to change the border of an element to Hex 22D3BB 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
#22D3BB }
```

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

```
.border{ border-color:#22D3BB }
```

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

Here you see how a box with a 4 pixel #22D3BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22D3BB; -webkit-box-shadow:4px 4px  
4px 4px #22D3BB; box-shadow:4px 4px 4px  
4px #22D3BB }
```

Background

The CSS property to change the background color of an element to Hex 22D3BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22D3BB }
```

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

```
.background{ background-color:#22D3BB }
```

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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