

Converting Colors

Hex(23D9BB)

Have a look what the booklet for
Hex(23D9BB) contains.

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Color

Hex(23D9BB)

Conversions

Conversions Part 1

Format	Color
Hex	23D9BB
RGB	35, 217, 187
RGB Percent	14%, 85%, 73%
CMY	0.8627, 0.1490, 0.2667
CMYK	0.84, 0.00, 0.14, 0.15
HSL	170°, 72%, 49%
HSV	170°, 84%, 85%
XYZ	34.4756, 53.5709, 55.5369
YIQ	159.1620, -98.8420, -47.9140

Conversions

Conversions Part 2

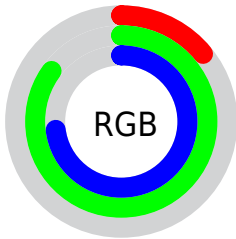
Format	Color
RYB	35, 134, 217
Decimal	2349499
CIELab	78.21, -49.50, 2.63
CIELCh	78, 49.568, 176.953
Yxy	53.5709, 0.2401, 0.3731
Android (android.graphics.Color)	4280539579 (0xFF23D9BB)
YUV	159.1620, 13.7241, -108.8901
Hunter-Lab	73.1921, -44.0075, 6.2463

Details

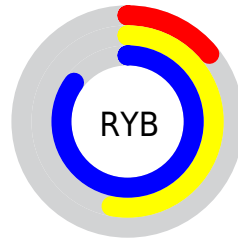
The Hex color **23D9BB** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **D92341**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **74FFF3**, and **00A186** is the 20% darker color. If you saturate the color by 10%, you get **0DD9B7**, and if you desaturate by 10%, it is **39D9BF**.

Distribution



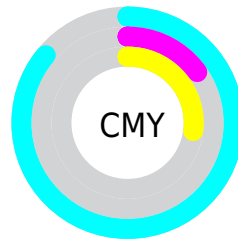
- Red (14%)
- Green (85%)
- Blue (73%)



- Red (14%)
- Yellow (53%)
- Blue (85%)



- Cyan (84%)
- Magenta (0%)
- Yellow (14%)
- Black (15%)



- Cyan (86%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23D9BB 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 23D9BB by changing the saturation by 10% instead.

 23D9BB

 23D9BB

FFFFFF

 00BDA0

 74FFF3

 00A186

 94FFFF

 00866D

 B4FFFF

 006C54

 D3FFFF

 00523D

 F2FFFF

 003A28

 002413

 000000

 23D9BB

 23D9BB

0DD9B7

39D9BF

00D9B5

4ED9C2

64D9C6

7AD9C9

90D9CD

A5D9D0

BBD9D4

D1D9D8

E6D9DB

Harmonies

Analogous

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



7CD58D



23D9BB



00D9EA

Triad

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



23D9BB



BEB7FF



FFAD75

Complementary

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



23D9BB



D92341

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.



FF9F9A



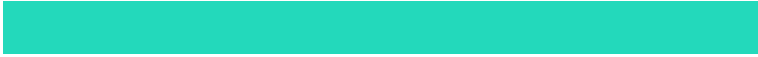
23D9BB



F6A6F4

Square

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



23D9BB



6CC8FF



FF9CC8



E2BD64

Rectangle

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



23D9BB



00D6FF



FF9CC8



FFA880

Sweetspot

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



23D9BB



BFFFF4



41D923



598079



000000



808080

Same Dimension

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



23D9BB



00FFD5



239CD9



636E6C



00AD91



002E26

Inverse Universe

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



D92341



FF002A



D96023



6E6364



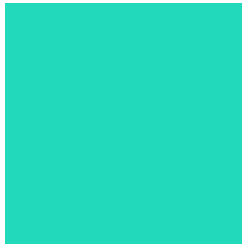
AD001D



2E0008

Previews

White Background



This preview shows how the Hex color 23D9BB looks on a white background.

Color Contrast Check

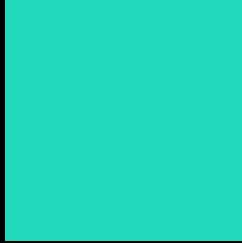
Large Text (above 18pt) WCAG AA × Fail

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 23D9BB 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 23D9BB Background



This preview shows how black text looks on a background with the Hex color 23D9BB.

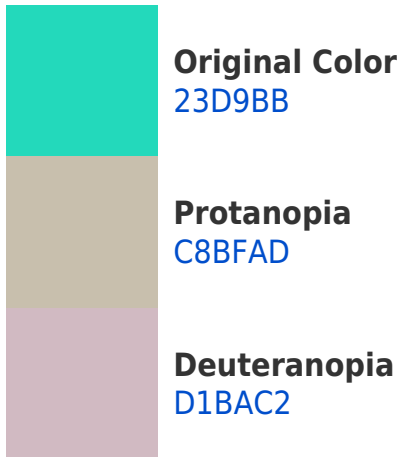


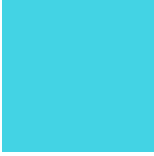
This preview shows how white text looks on a background with the Hex color 23D9BB.

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
43D3E4

Trichromacy



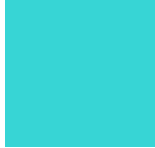
Original Color
23D9BB



Protanomaly
8CC8B2

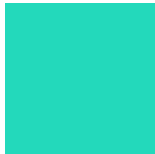


Deuteranomaly
92C5BF



Tritanomaly
37D5D5

Monochromacy



Original Color
23D9BB



Achromatopsia
9F9F9F



Achromatomaly
72B4A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 23D9BB 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 #23D9BB looks like.

```
.text, #text, p{  
    color:#23D9BB  
}
```

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 #23D9BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23D9BB
}
```

Border

The CSS property to change the border of an element to Hex 23D9BB 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
#23D9BB }
```

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

```
.border{ border-color:#23D9BB }
```

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

Here you see how a box with a 4 pixel #23D9BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23D9BB; -webkit-box-shadow:4px 4px  
4px 4px #23D9BB; box-shadow:4px 4px 4px  
4px #23D9BB }
```

Background

The CSS property to change the background color of an element to Hex 23D9BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23D9BB }
```

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

```
.background{ background-color:#23D9BB }
```

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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