

# Converting Colors

Hex(22B1AD)

Have a look what the booklet for  
Hex(22B1AD) contains.

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**Color**

**Hex(22B1AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22B1AD
RGB	34, 177, 173
RGB Percent	13%, 69%, 68%
CMY	0.8667, 0.3059, 0.3216
CMYK	0.81, 0.00, 0.02, 0.31
HSL	178°, 68%, 41%
HSV	178°, 81%, 69%
XYZ	23.9247, 34.8015, 44.9916
YIQ	133.7870, -83.9440, -31.5600

# Conversions

## Conversions Part 2

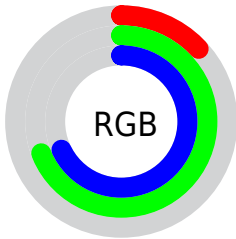
Format	Color
R <sub>Y</sub> B	34, 107, 177
Decimal	2273709
CIE Lab	65.59, -36.00, -8.29
CIE LCh	66, 36.941, 192.964
Yxy	34.8015, 0.2307, 0.3355
Android (android.graphics.Color)	4280463789 (0xFF22B1AD)
YUV	133.7870, 19.3320, -87.5132
Hunter-Lab	58.9928, -30.8463, -3.9233

# Details

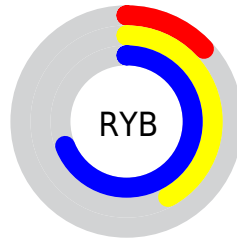
The Hex color **22B1AD** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B12226**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6BE9E4**, and **007C79** is the 20% darker color. If you saturate the color by 10%, you get **10B1AD**, and if you desaturate by 10%, it is **34B1AD**.

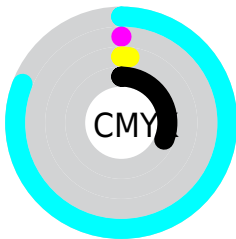
# Distribution



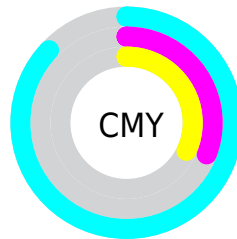
- Red (13%)
- Green (69%)
- Blue (68%)



- Red (13%)
- Yellow (42%)
- Blue (69%)



- Cyan (81%)
- Magenta (0%)
- Yellow (2%)
- Black (31%)



- Cyan (87%)
- Magenta (31%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 22B1AD 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 22B1AD by changing the saturation by 10% instead.



 22B1AD

 22B1AD

FFFFFF

 009692

 6BE9E4

 007C79

 8AFFFF

 006260

 A8FFFF

 004A48

 C6FFFF

 003232

 E5FFFF

 001D1D

 000002

 000000

 22B1AD

 22B1AD

■ 10B1AD

■ 34B1AD

■ 00B1AC

■ 45B1AE

■ 57B1AE

■ 69B1AF

■ 7BB1AF

■ 8CB1B0

■ 9EB1B0

■ B0B1B1

■ C1B1B1

# Harmonies

## Analogous

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



58B08B



22B1AD



00AFCB

# Triad

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



22B1AD



B591D0



C59760

# Complementary

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



22B1AD



B12226

# 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.



DA8C74



22B1AD



D488B4

# Square

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



22B1AD



869EE0



E08692



A7A25E

# Rectangle

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



22B1AD



35ABD9



E08692



CD9365



# Sweetspot

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



22B1AD



AEE6E4



27B122



517372



F2F2F2



737373



# Same Dimension

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



22B1AD



07E6DF



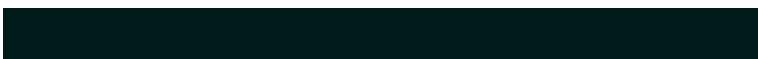
226EB1



505959



009995



001A19



# Inverse Universe

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



B12226



E6070D



B16522



595051



990004



1A0001



# Previews

## White Background



This preview shows how the Hex color 22B1AD 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 22B1AD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

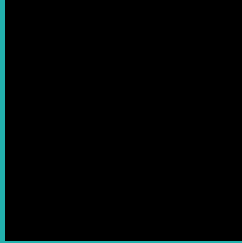
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

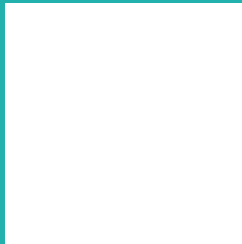
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 22B1AD Background



This preview shows how black text looks on a background with the Hex color 22B1AD.

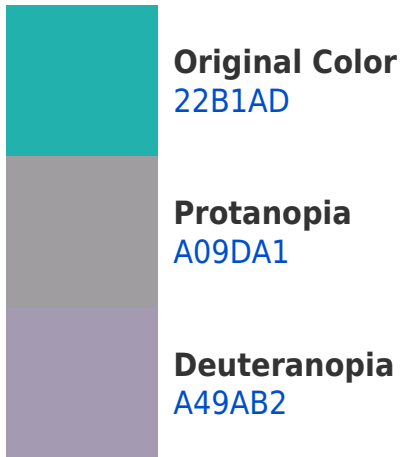


This preview shows how white text looks on a background with the Hex color 22B1AD.

# 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**  
30AFBD

# Trichromacy



**Original Color**  
22B1AD



**Protanomaly**  
72A4A5



**Deuteranomaly**  
75A2B0



**Tritanomaly**  
2BB0B7

# Monochromacy



**Original Color**  
22B1AD



**Achromatopsia**  
868686



**Achromatomaly**  
629694

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 22B1AD 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 #22B1AD looks like.

```
.text, #text, p{  
    color:#22B1AD  
}
```

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 #22B1AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22B1AD
}
```

## Border

The CSS property to change the border of an element to Hex 22B1AD 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
#22B1AD }
```

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

```
.border{ border-color:#22B1AD }
```

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

Here you see how a box with a 4 pixel #22B1AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22B1AD; -webkit-box-shadow:4px 4px  
4px 4px #22B1AD; box-shadow:4px 4px 4px  
4px #22B1AD }
```

# Background

The CSS property to change the background color of an element to Hex 22B1AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22B1AD }
```

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

```
.background{ background-color:#22B1AD }
```

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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