

# Converting Colors

Hex(22B4BC)

Have a look what the booklet for  
Hex(22B4BC) contains.

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**Color**

**Hex(22B4BC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22B4BC
RGB	34, 180, 188
RGB Percent	13%, 71%, 74%
CMY	0.8667, 0.2941, 0.2627
CMYK	0.82, 0.04, 0.00, 0.26
HSL	183°, 69%, 44%
HSV	183°, 82%, 74%
XYZ	26.0580, 36.6134, 53.2707
YIQ	137.2580, -89.5840, -28.4640

# Conversions

## Conversions Part 2

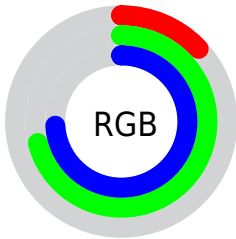
Format	Color
R <sub>Y</sub> B	34, 109, 188
Decimal	2274492
CIE Lab	66.99, -32.88, -14.51
CIE LCh	67, 35.943, 203.817
Yxy	36.6134, 0.2248, 0.3158
Android (android.graphics.Color)	4280464572 (0xFF22B4BC)
YUV	137.2580, 25.0158, -90.5573
Hunter-Lab	60.5090, -29.0203, -9.8411

# Details

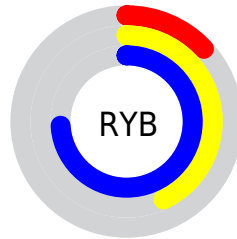
The Hex color **22B4BC** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BC2A22**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6DECF4**, and **007F87** is the 20% darker color. If you saturate the color by 10%, you get **0FB3BC**, and if you desaturate by 10%, it is **35B5BC**.

# Distribution



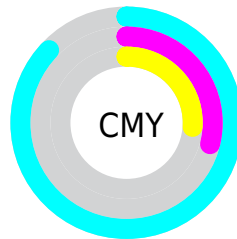
- Red (13%)
- Green (71%)
- Blue (74%)



- Red (13%)
- Yellow (43%)
- Blue (74%)



- Cyan (82%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)



- Cyan (87%)
- Magenta (29%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 22B4BC 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 22B4BC by changing the saturation by 10% instead.



 22B4BC

 22B4BC

FFFFFF

 0099A1

 6DECF4

 007F87

 8DFFFF

 00656E

 ABFFFF

 004D55

 CAFFFF

 00353E

 E8FFFF

 002128

 000114

 000000

 22B4BC

 22B4BC

0FB3BC

35B5BC

00B2BC

48B6BC

5AB7BC

6DB8BC

80B9BC

93BABC

A6BBBC

B8BCBC

CBBDBC

# Harmonies

## Analogous

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



4EB49B



22B4BC



30B0D6

# Triad

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



22B4BC



C592CA



BF9F62

# Complementary

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



22B4BC



BC2A22

# 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.



D79470



22B4BC



DD8AAB

# Square

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



22B4BC



9D9DDE



E28B8B



9EA967

# Rectangle

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



22B4BC



56ABE0



E28B8B



C89B65



# Sweetspot

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



22B4BC



B8F2F5



22BC2A



56787A



FAFAFA



7A7A7A



# Same Dimension

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



22B4BC



05E8F5



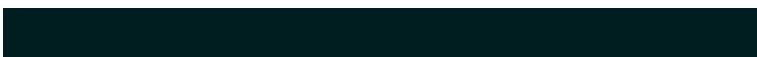
2267BC



555E5E



00969E



001D1F



# Inverse Universe

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



BC22B4



F505E8



BC7722



5E555E



9E0096



1F001D



# Previews

## White Background



This preview shows how the Hex color 22B4BC looks on a white background.

## Color Contrast Check

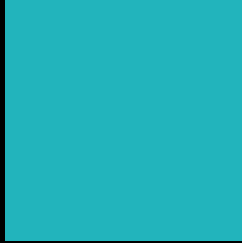
Large Text (above 18pt) WCAG AA × Fail

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 22B4BC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

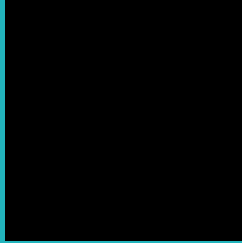
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

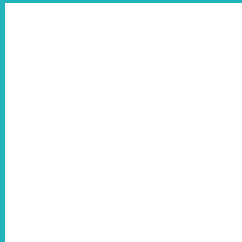
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 22B4BC Background



This preview shows how black text looks on a background with the Hex color 22B4BC.

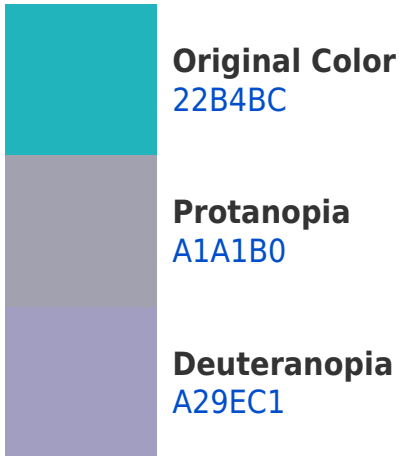


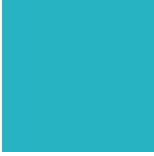
This preview shows how white text looks on a background with the Hex color 22B4BC.

# 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**  
28B3C2

# Trichromacy



**Original Color**  
22B4BC



**Protanomaly**  
73A8B4



**Deuteranomaly**  
73A6BF



**Tritanomaly**  
26B3C0

# Monochromacy



**Original Color**  
22B4BC



**Achromatopsia**  
898989



**Achromatomaly**  
64999C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 22B4BC 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 #22B4BC looks like.

```
.text, #text, p{  
    color:#22B4BC  
}
```

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 #22B4BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22B4BC
}
```

## Border

The CSS property to change the border of an element to Hex 22B4BC 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
#22B4BC }
```

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

```
.border{ border-color:#22B4BC }
```

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

Here you see how a box with a 4 pixel #22B4BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22B4BC; -webkit-box-shadow:4px 4px  
4px 4px #22B4BC; box-shadow:4px 4px 4px  
4px #22B4BC }
```

# Background

The CSS property to change the background color of an element to Hex 22B4BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22B4BC }
```

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

```
.background{ background-color:#22B4BC }
```

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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