

# Converting Colors

Hex(20B4C3)

Have a look what the booklet for  
Hex(20B4C3) contains.

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# **Color**

**Hex(20B4C3)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 20B4C3                       |
| RGB         | 32, 180, 195                 |
| RGB Percent | 13%, 71%, 76%                |
| CMY         | 0.8745, 0.2941, 0.2353       |
| CMYK        | 0.84, 0.08, 0.00, 0.24       |
| HSL         | 186°, 72%, 45%               |
| HSV         | 186°, 84%, 76%               |
| XYZ         | 26.7672, 36.8897, 57.3394    |
| YIQ         | 137.4580, -93.0230, -26.7110 |

# Conversions

## Conversions Part 2

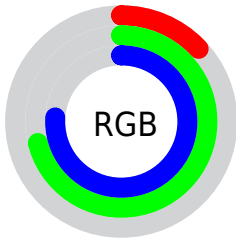
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 32, 110, 195                   |
| Decimal                             | 2143427                        |
| CIE Lab                             | 67.19, -30.86, -18.07          |
| CIE LCh                             | 67, 35.760, 210.352            |
| Yxy                                 | 36.8897, 0.2212,<br>0.3049     |
| Android<br>(android.graphics.Color) | 4280333507<br>(0xFF20B4C3)     |
| YUV                                 | 137.4580, 28.3682,<br>-92.4867 |
| Hunter-Lab                          | 60.7369, -27.6232,<br>-13.4576 |

# Details

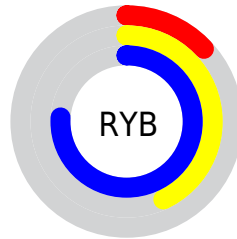
The Hex color **20B4C3** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **C32F20**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6EECFD**, and **007F8D** is the 20% darker color. If you saturate the color by 10%, you get **0CB2C3**, and if you desaturate by 10%, it is **33B6C3**.

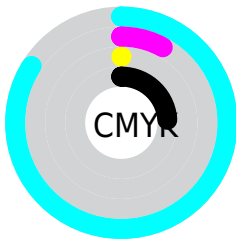
# Distribution



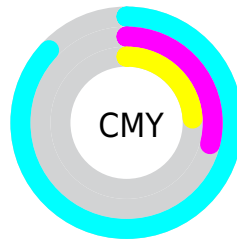
- Red (13%)
- Green (71%)
- Blue (76%)



- Red (13%)
- Yellow (43%)
- Blue (76%)



- Cyan (84%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)



- Cyan (87%)
- Magenta (29%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20B4C3 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 20B4C3 by changing the saturation by 10% instead.



 20B4C3

 20B4C3

FFFFFF

 0099A8

 6EECF3

 007F8D

 8DFFFF

 006574

 ACFFFF

 004D5B

 CAFFFF

 003544

 E9FFFF

 00222D

 000119

 000000

 20B4C3

 20B4C3

0CB2C3

33B6C3

00B1C3

47B8C3

5BB9C3

6EBBC3

82BDC3

95BFC3

A9C1C3

BCC2C3

CFC4C3

# Harmonies

## Analogous

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



46B5A3



20B4C3



3EAFDB

# Triad

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



20B4C3



CC90C4



B9A263

# Complementary

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



20B4C3



C32F20

# 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.



D3976C



20B4C3



E08BA4

# Square

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



20B4C3



A89BDB



E18D85



97AB6B

# Rectangle

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



20B4C3



63AAE2



E18D85



C29E64



# Sweetspot

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



20B4C3



BDF7FC



20C32E



597C80



000000



808080

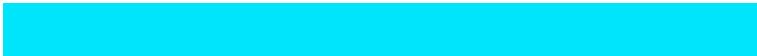


# Same Dimension

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



20B4C3



00E5FC



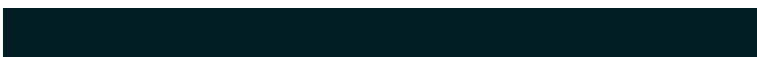
2064C3



576061



0092A1



001E21



# Inverse Universe

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



C320B4



FC00E5



C37F20



615760



A10092



21001E



# Previews

## White Background



This preview shows how the Hex color 20B4C3 looks on a white background.

## Color Contrast Check

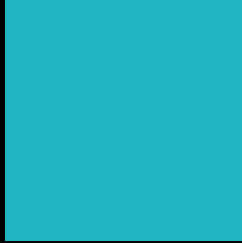
Large Text (above 18pt) WCAG AA × Fail

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 20B4C3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

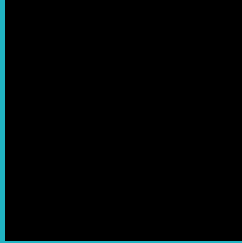
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 20B4C3 Background



This preview shows how black text looks on a background with the Hex color 20B4C3.

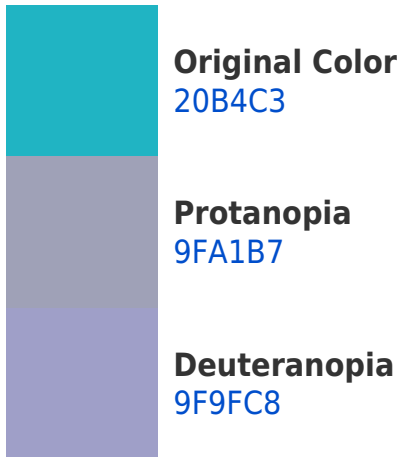


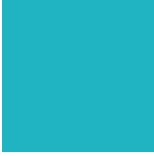
This preview shows how white text looks on a background with the Hex color 20B4C3.

# 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](#).

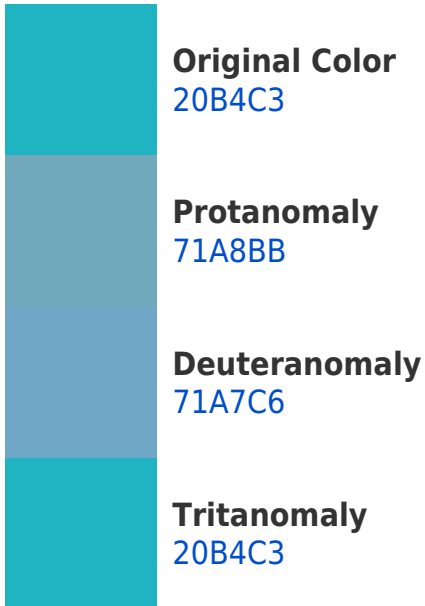
## Dichromacy



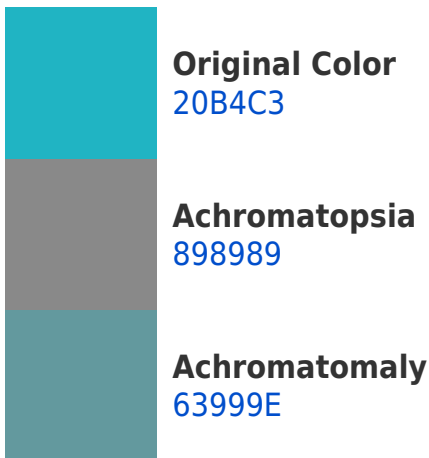


**Tritanopia**  
20B4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20B4C3 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 #20B4C3 looks like.

```
.text, #text, p{  
    color:#20B4C3  
}
```

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 #20B4C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20B4C3
}
```

## Border

The CSS property to change the border of an element to Hex 20B4C3 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
#20B4C3 }
```

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

```
.border{ border-color:#20B4C3 }
```

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

Here you see how a box with a 4 pixel #20B4C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20B4C3; -webkit-box-shadow:4px 4px  
4px 4px #20B4C3; box-shadow:4px 4px 4px  
4px #20B4C3 }
```

# Background

The CSS property to change the background color of an element to Hex 20B4C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20B4C3 }
```

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

```
.background{ background-color:#20B4C3 }
```

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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