

Converting Colors

Hex(20B19E)

Have a look what the booklet for
Hex(20B19E) contains.

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Color

Hex(20B19E)

Conversions

Conversions Part 1

Format	Color
Hex	20B19E
RGB	32, 177, 158
RGB Percent	13%, 69%, 62%
CMY	0.8745, 0.3059, 0.3804
CMYK	0.82, 0.00, 0.11, 0.31
HSL	172°, 69%, 41%
HSV	172°, 82%, 69%
XYZ	22.4894, 34.2200, 37.7676
YIQ	131.4790, -80.3210, -36.6490

Conversions

Conversions Part 2

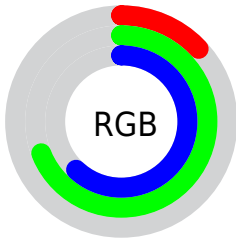
Format	Color
RYB	32, 110, 177
Decimal	2142622
CIELab	65.14, -40.47, -0.63
CIELCh	65, 40.478, 180.896
Yxy	34.2200, 0.2380, 0.3622
Android (android.graphics.Color)	4280332702 (0xFF20B19E)
YUV	131.4790, 13.0749, -87.2431
Hunter-Lab	58.4978, -33.7473, 2.6695

Details

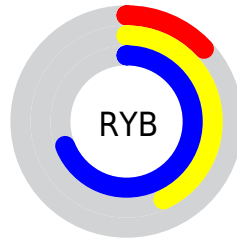
The Hex color **20B19E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B12033**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **69E9D5**, and **007B6B** is the 20% darker color. If you saturate the color by 10%, you get **0EB19C**, and if you desaturate by 10%, it is **32B1A0**.

Distribution



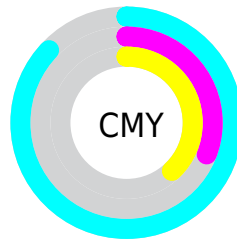
- Red (13%)
- Green (69%)
- Blue (62%)



- Red (13%)
- Yellow (43%)
- Blue (69%)



- Cyan (82%)
- Magenta (0%)
- Yellow (11%)
- Black (31%)



- Cyan (87%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20B19E 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 20B19E by changing the saturation by 10% instead.

 20B19E

 20B19E

FFFFFF

 009684

 69E9D5

 007B6B

 88FFF1

 006253

 A6FFFF

 00493C

 C4FFFF

 003226

 E2FFFF

 001B12

 000000

 20B19E

 20B19E

 0EB19C

 32B1A0

00B19A

43B1A3

55B1A5

67B1A7

79B1AA

8AB1AC

9CB1AE

AEB1B1

BFB1B3

Harmonies

Analogous

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



62AE7A



20B19E



00B0C2

Triad

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



20B19E



A394DC



D19060

Complementary

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



20B19E



B12033

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.



E2857B



20B19E



CC87C2

Square

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



20B19E



67A1E6



E1819E



B49C54

Rectangle

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



20B19E



00ADD5



E1819E



D88B67

Sweetspot

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



20B19E



ACE6DE



33B120



50736E



F2F2F2



737373

Same Dimension

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



20B19E



05E6C8



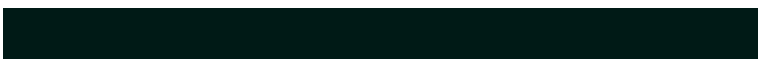
207CB1



505958



009985



001A16

Inverse Universe

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



B12033



E60522



B15520



595051



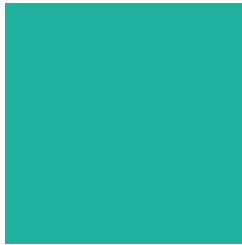
990014



1A0003

Previews

White Background



This preview shows how the Hex color 20B19E 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 20B19E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

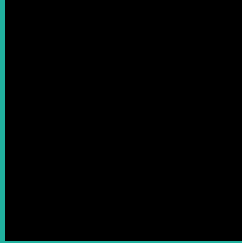
Any Text WCAG AA ✓ Pass

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 20B19E Background



This preview shows how black text looks on a background with the Hex color 20B19E.

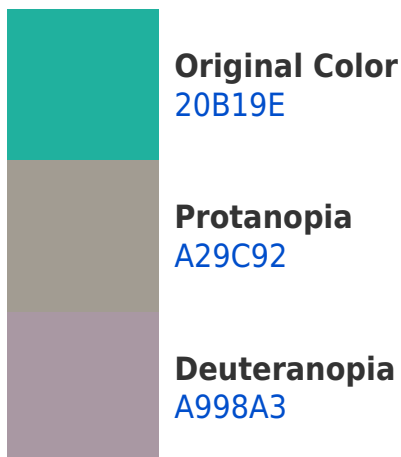


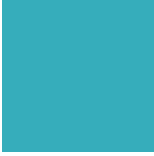
This preview shows how white text looks on a background with the Hex color 20B19E.

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](#).

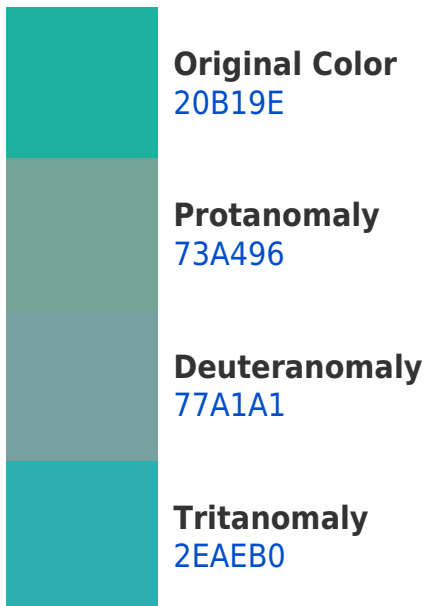
Dichromacy



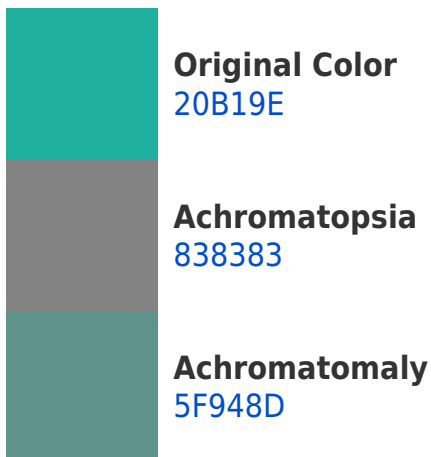


Tritanopia
36ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 20B19E 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 #20B19E looks like.

```
.text, #text, p{  
    color:#20B19E  
}
```

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 #20B19E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20B19E
}
```

Border

The CSS property to change the border of an element to Hex 20B19E 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
#20B19E }
```

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

```
.border{ border-color:#20B19E }
```

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

Here you see how a box with a 4 pixel #20B19E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20B19E; -webkit-box-shadow:4px 4px  
4px 4px #20B19E; box-shadow:4px 4px 4px  
4px #20B19E }
```

Background

The CSS property to change the background color of an element to Hex 20B19E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20B19E }
```

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

```
.background{ background-color:#20B19E }
```

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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