

# Converting Colors

Hex(20A19D)

Have a look what the booklet for  
Hex(20A19D) contains.

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**Color**

**Hex(20A19D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20A19D
RGB	32, 161, 157
RGB Percent	13%, 63%, 62%
CMY	0.8745, 0.3686, 0.3843
CMYK	0.80, 0.00, 0.02, 0.37
HSL	178°, 67%, 38%
HSV	178°, 80%, 63%
XYZ	19.4263, 28.2311, 36.3236
YIQ	121.9730, -75.6000, -28.5920

# Conversions

## Conversions Part 2

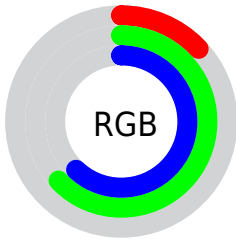
<b>Format</b>	<b>Color</b>
<b>RYB</b>	32, 98, 161
Decimal	2138525
CIELab	60.10, -33.48, -7.51
CIELCh	60, 34.312, 192.639
Yxy	28.2311, 0.2313, 0.3362
Android (android.graphics.Color)	4280328605 (0xFF20A19D)
YUV	121.9730, 17.2683, -78.9063
Hunter-Lab	53.1330, -27.7200, -3.3396

# Details

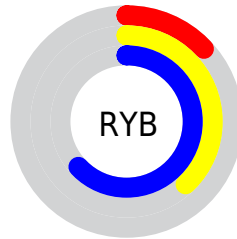
The Hex color **20A19D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A12024**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **66D8D3**, and **006D6A** is the 20% darker color. If you saturate the color by 10%, you get **10A19D**, and if you desaturate by 10%, it is **30A19D**.

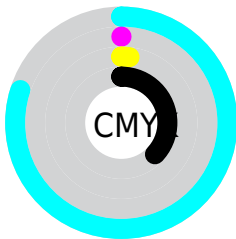
# Distribution



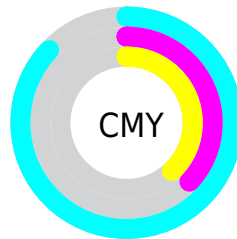
- Red (13%)
- Green (63%)
- Blue (62%)



- Red (13%)
- Yellow (38%)
- Blue (63%)



- Cyan (80%)
- Magenta (0%)
- Yellow (2%)
- Black (37%)



- Cyan (87%)
- Magenta (37%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20A19D 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 20A19D by changing the saturation by 10% instead.



 20A19D

 20A19D

FFFFFF

 008683

 66D8D3

 006D6A

 84F5F0

 005452

 A2FFFF

 003C3B

 BFFFFF

 002625

 DDDFFF

 000111

 FBBBBF

 000000

 20A19D

 20A19D

 10A19D

 30A19D

00A19C

40A19E

50A19E

60A19F

71A19F

81A1A0

91A1A0

A1A1A1

B1A1A1

# Harmonies

## Analogous

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



50A07E



20A19D



009FB9

# Triad

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



20A19D



A584BD



B48957

# Complementary

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



20A19D



A12024

# 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.



C67F69



20A19D



C17BA4

# Square

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



20A19D



7A8FCC



CC7985



989355

# Rectangle

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



20A19D



309BC6



CC7985



BB855C



# Sweetspot

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



20A19D



9FD1D0



24A120



4A6968



E8E8E8



696969



# Same Dimension

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



20A19D



08D1CB



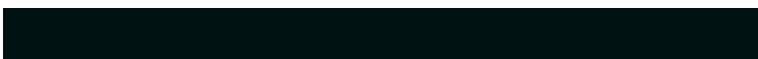
2065A1



495251



00918D



001211



# Inverse Universe

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



A12024



D1080F



A15C20



52494A



910005

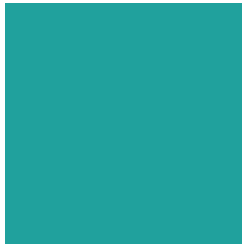


120001



# Previews

## White Background



This preview shows how the Hex color 20A19D looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 20A19D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

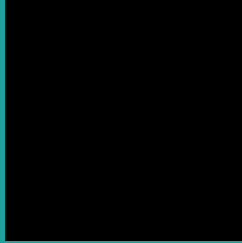
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 20A19D Background



This preview shows how black text looks on a background with the Hex color 20A19D.

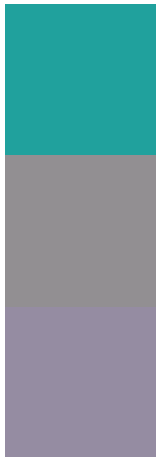


This preview shows how white text looks on a background with the Hex color 20A19D.

# 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



**Original Color**  
20A19D

**Protanopia**  
928F92

**Deuteranopia**  
958CA2



# Trichromacy



**Original Color**  
20A19D



**Protanomaly**  
699696



**Deuteranomaly**  
6A94A0



**Tritanomaly**  
28A0A7

# Monochromacy



**Original Color**  
20A19D



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
598887

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20A19D 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 #20A19D looks like.

```
.text, #text, p{  
    color:#20A19D  
}
```

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 #20A19D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20A19D
}
```

## Border

The CSS property to change the border of an element to Hex 20A19D 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
#20A19D }
```

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

```
.border{ border-color:#20A19D }
```

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

Here you see how a box with a 4 pixel #20A19D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20A19D; -webkit-box-shadow:4px 4px  
4px 4px #20A19D; box-shadow:4px 4px 4px  
4px #20A19D }
```

# Background

The CSS property to change the background color of an element to Hex 20A19D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20A19D }
```

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

```
.background{ background-color:#20A19D }
```

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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