

# Converting Colors

Hex(169981)

Have a look what the booklet for  
Hex(169981) contains.

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# Color

**Hex(169981)**

# Conversions

## Conversions Part 1

Format	Color
Hex	169981
RGB	22, 153, 129
RGB Percent	9%, 60%, 51%
CMY	0.9137, 0.4000, 0.4941
CMYK	0.86, 0.00, 0.16, 0.40
HSL	169°, 75%, 34%
HSV	169°, 86%, 60%
XYZ	15.6846, 24.5380, 24.6785
YIQ	111.0950, -70.3720, -35.2360

# Conversions

## Conversions Part 2

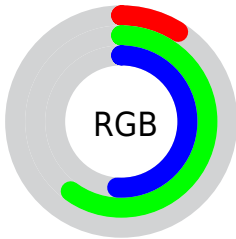
<b>Format</b>	<b>Color</b>
<b>RYB</b>	22, 94, 153
Decimal	1481089
CIELab	56.62, -38.78, 3.27
CIElCh	57, 38.915, 175.179
Yxy	24.5380, 0.2417, 0.3781
Android (android.graphics.Color)	4279671169 (0xFF169981)
YUV	111.0950, 8.8272, -78.1363
Hunter-Lab	49.5359, -30.1692, 5.1371

# Details

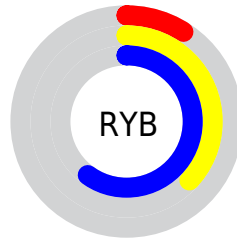
The Hex color **169981** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **99162E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **5ED0B6**, and **006550** is the 20% darker color. If you saturate the color by 10%, you get **07997E**, and if you desaturate by 10%, it is **259984**.

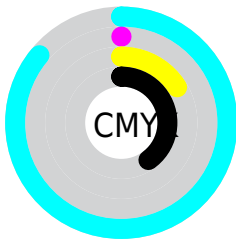
# Distribution



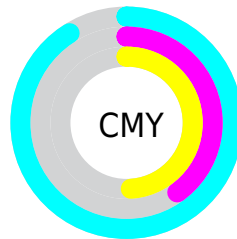
- Red (9%)
- Green (60%)
- Blue (51%)



- Red (9%)
- Yellow (37%)
- Blue (60%)



- Cyan (86%)
- Magenta (0%)
- Yellow (16%)
- Black (40%)



- Cyan (91%)
- Magenta (40%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 169981 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 169981 by changing the saturation by 10% instead.



 169981

 169981

FFFFFF

 007F68

 5ED0B6

 006550

 7BEDD1

 004C39

 99FEE

 003424

 B6FFF

 001F0E

 D3FFF

 000000

 F1FFF

 169981

 169981

 07997E

 259984

■ 00997D

■ 359987

■ 449989

■ 53998C

■ 63998F

■ 729992

■ 819995

■ 909997

■ A0999A

# Harmonies

## Analogous

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



579660



169981



0099A4

# Triad

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



169981



8281C5



BB7851

# Complementary

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



169981



99162E

# 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.



C86E6D



169981



AD74AF

# Square

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



169981



438DCB



C46D8F



A18443

# Rectangle

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



169981



0097B7



C46D8F



C17459



# Sweetspot

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



169981



93C7BD



2E9916



45635E



E3E3E3



636363



# Same Dimension

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



169981



00C7A2



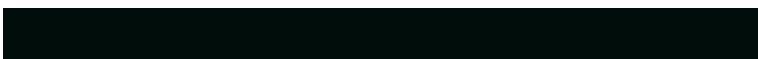
167099



454D4B



008C73



000D0A



# Inverse Universe

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



99162E



C70024



993F16



4D4546



8C001A

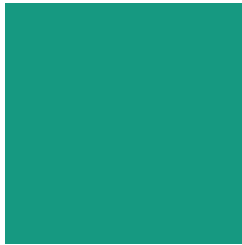


0D0002



# Previews

## White Background



This preview shows how the Hex color 169981 looks on a white background.

## Color Contrast Check

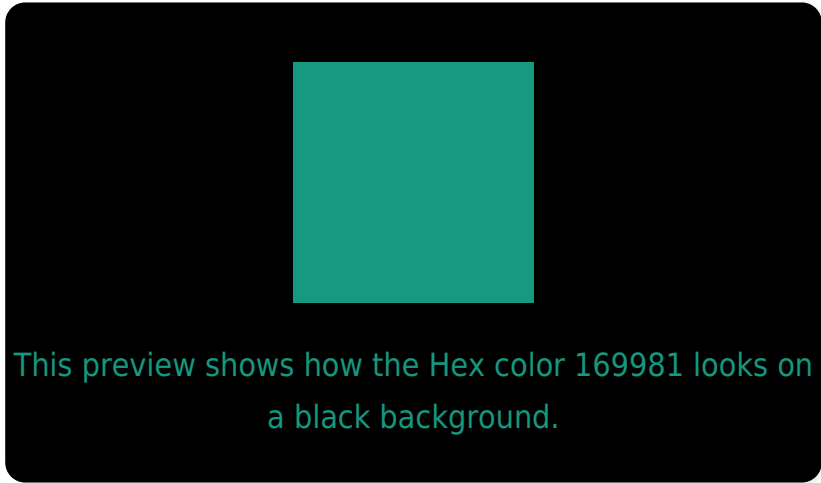
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

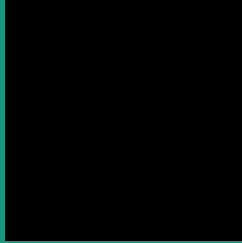
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 169981 Background



This preview shows how black text looks on a background with the Hex color 169981.

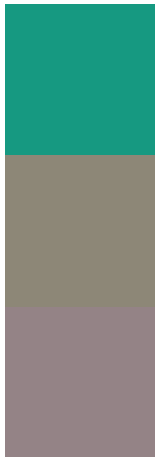


This preview shows how white text looks on a background with the Hex color 169981.

# 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**  
169981

**Protanopia**  
808777

**Deuteranopia**  
948386



**Tritanopia**  
3095A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 169981 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 #169981 looks like.

```
.text, #text, p{  
    color:#169981  
}
```

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 #169981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #169981
}
```

## Border

The CSS property to change the border of an element to Hex 169981 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
#169981 }
```

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

```
.border{ border-color:#169981 }
```

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

Here you see how a box with a 4 pixel #169981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #169981; -webkit-box-shadow:4px 4px  
4px 4px #169981; box-shadow:4px 4px 4px  
4px #169981 }
```

# Background

The CSS property to change the background color of an element to Hex 169981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#169981 }
```

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

```
.background{ background-color:#169981 }
```

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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