

# Converting Colors

Hex(159681)

Have a look what the booklet for  
Hex(159681) contains.

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# Color

**Hex(159681)**

# Conversions

## Conversions Part 1

Format	Color
Hex	159681
RGB	21, 150, 129
RGB Percent	8%, 59%, 51%
CMY	0.9176, 0.4118, 0.4941
CMYK	0.86, 0.00, 0.14, 0.41
HSL	170°, 75%, 34%
HSV	170°, 86%, 59%
XYZ	15.1781, 23.5571, 24.5159
YIQ	109.0350, -70.1430, -33.8790

# Conversions

## Conversions Part 2

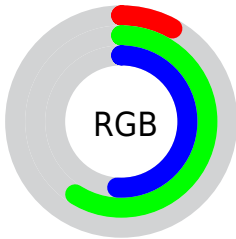
<b>Format</b>	<b>Color</b>
<b>RYB</b>	21, 91, 150
Decimal	1414785
CIELab	55.64, -37.53, 1.85
CIELCh	56, 37.579, 177.182
Yxy	23.5571, 0.2400, 0.3724
Android (android.graphics.Color)	4279604865 (0xFF159681)
YUV	109.0350, 9.8427, -77.2067
Hunter-Lab	48.5357, -29.1169, 4.0269

# Details

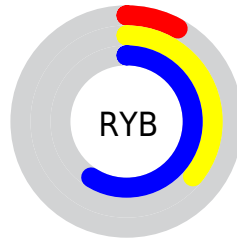
The Hex color **159681** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **96152A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5DCDB6**, and **006250** is the 20% darker color. If you saturate the color by 10%, you get **06967F**, and if you desaturate by 10%, it is **249683**.

# Distribution



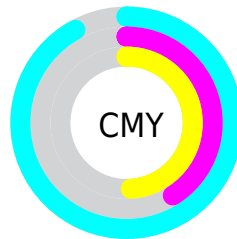
- Red (8%)
- Green (59%)
- Blue (51%)



- Red (8%)
- Yellow (36%)
- Blue (59%)



- Cyan (86%)
- Magenta (0%)
- Yellow (14%)
- Black (41%)



- Cyan (92%)
- Magenta (41%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 159681 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 159681 by changing the saturation by 10% instead.





159681



159681

FFFFFF



007C68



5DCDB6



006250



7AE9D1



004A39



97FFEE



003224



B5FFFF



001C0E



D2FFFF



000000



F0FFFF



159681



159681



06967F



249683

■ 00967E

■ 339686

■ 429688

■ 51968B

■ 60968D

■ 6F9690

■ 7E9692

■ 8D9695

■ 9C9697

# Harmonies

## Analogous

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



549361



159681



0096A2

# Triad

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



159681



847EBF



B5774F

# Complementary

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



159681



96152A

# 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.



C36D69



159681



AB72A9

# Square

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



159681



498AC6



C06B8A



9C8243

# Rectangle

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



159681



0093B4



C06B8A



BB7357



# Sweetspot

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



159681



8FC2BA



2A9615



43615C



E0E0E0



616161



# Same Dimension

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



159681



00C2A2



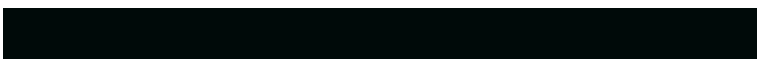
156B96



434A49



008A73



000A09



# Inverse Universe

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



96152A



C20020



964015



4A4344



8A0016

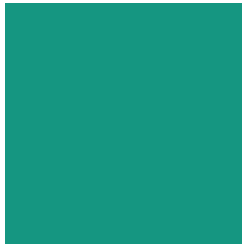


0A0002



# Previews

## White Background



This preview shows how the Hex color 159681 looks on a white background.

## Color Contrast Check

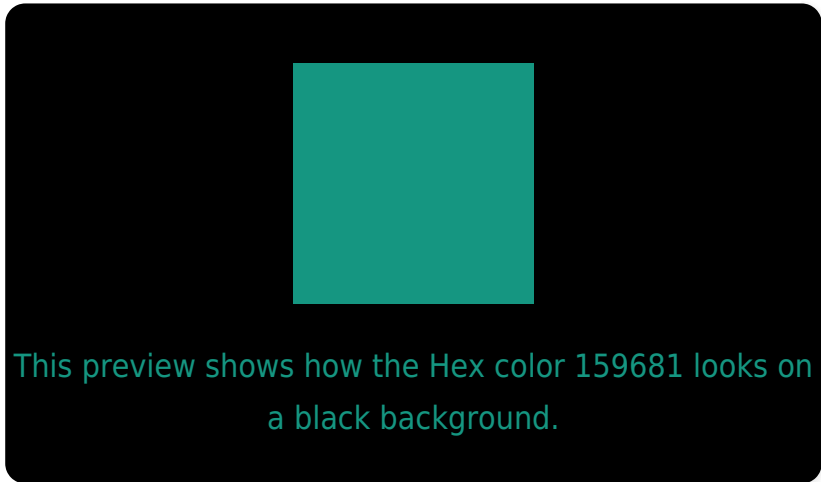
Large Text (above 18pt) WCAG AA ✓ Pass

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

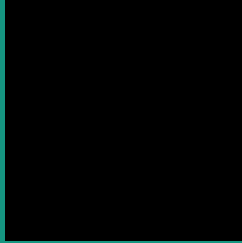
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 159681 Background



This preview shows how black text looks on a background with the Hex color 159681.

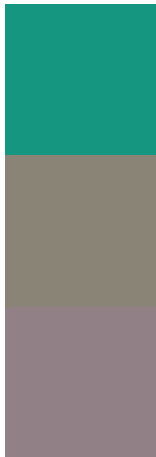


This preview shows how white text looks on a background with the Hex color 159681.

# 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**  
159681

**Protanopia**  
8A8477

**Deuteranopia**  
918086



**Tritanopia**  
2D929E

# Trichromacy



**Original Color**  
159681



**Protanomaly**  
5F8B7B



**Deuteranomaly**  
648884



**Tritanomaly**  
249393

# Monochromacy



**Original Color**  
159681



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
4D7C74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 159681 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 #159681 looks like.

```
.text, #text, p{  
    color:#159681  
}
```

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 #159681 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #159681
}
```

## Border

The CSS property to change the border of an element to Hex 159681 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
#159681 }
```

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

```
.border{ border-color:#159681 }
```

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

Here you see how a box with a 4 pixel #159681 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #159681; -webkit-box-shadow:4px 4px  
4px 4px #159681; box-shadow:4px 4px 4px  
4px #159681 }
```

# Background

The CSS property to change the background color of an element to Hex 159681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#159681 }
```

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

```
.background{ background-color:#159681 }
```

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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