

# Converting Colors

Hex(188881)

Have a look what the booklet for  
Hex(188881) contains.

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# Color

**Hex(188881)**

# Conversions

## Conversions Part 1

Format	Color
Hex	188881
RGB	24, 136, 129
RGB Percent	9%, 53%, 51%
CMY	0.9059, 0.4667, 0.4941
CMYK	0.82, 0.00, 0.05, 0.47
HSL	176°, 70%, 31%
HSV	176°, 82%, 53%
XYZ	13.1433, 19.3875, 23.8183
YIQ	101.7140, -64.5050, -25.9210

# Conversions

## Conversions Part 2

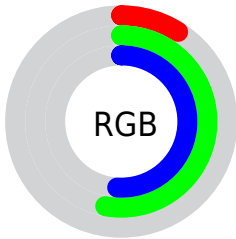
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 82, 136
Decimal	1607809
CIE Lab	51.14, -30.83, -4.75
CIE LCh	51, 31.192, 188.765
Yxy	19.3875, 0.2332, 0.3441
Android (android.graphics.Color)	4279797889 (0xFF188881)
YUV	101.7140, 13.4520, -68.1552
Hunter-Lab	44.0312, -23.7725, -1.2506

# Details

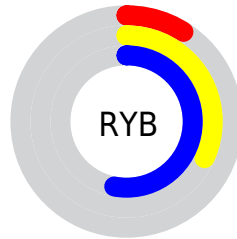
The Hex color **188881** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **88181F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5BBEB6**, and **005550** is the 20% darker color. If you saturate the color by 10%, you get **0A8880**, and if you desaturate by 10%, it is **268882**.

# Distribution



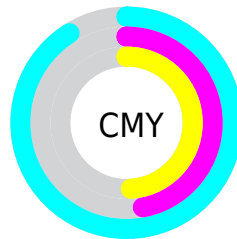
- Red (9%)
- Green (53%)
- Blue (51%)



- Red (9%)
- Yellow (32%)
- Blue (53%)



- Cyan (82%)
- Magenta (0%)
- Yellow (5%)
- Black (47%)



- Cyan (91%)
- Magenta (47%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 188881 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 188881 by changing the saturation by 10% instead.



 188881

 188881

FFFFFF

 006E68

 5BBEB6

 005550

 78DAD1

 003E39

 95F7EE

 002724

 B2FFFF

 00080F

 CFFFFFF

 000000

 EFFFFFF

 188881

 188881

 0A8880

 268882

■ 008880

■ 338883

■ 418884

■ 4E8884

■ 5C8885

■ 6A8886

■ 778887

■ 858888

■ 928889

# Harmonies

## Analogous

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



458666



188881



00879A

# Triad

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



188881



8770A3



9B7248

# Complementary

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



188881



88181F

# 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.



AA695A



188881



A1688E

# Square

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



188881



5F7AAE



AD6573



837B44

# Rectangle

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



188881



1784A7



AD6573



A16F4D



# Sweetspot

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



188881



84B0AD



1F8818



3E5958



D9D9D9



595959



# Same Dimension

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



188881



02B0A5



185788



3E4544



00857C



000505



# Inverse Universe

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



88181F



B0020D



884918



453E3E



850008



050000



# Previews

## White Background



This preview shows how the Hex color 188881 looks on a white background.

## Color Contrast Check

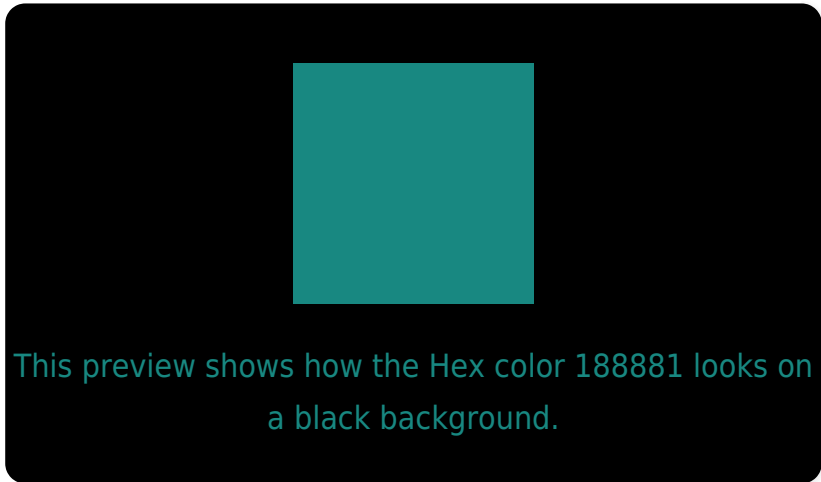
Large Text (above 18pt) WCAG AA ✓ Pass

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

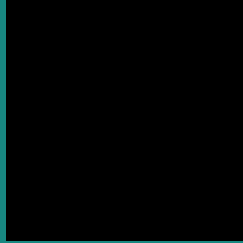
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 188881 Background



This preview shows how black text looks on a background with the Hex color 188881.

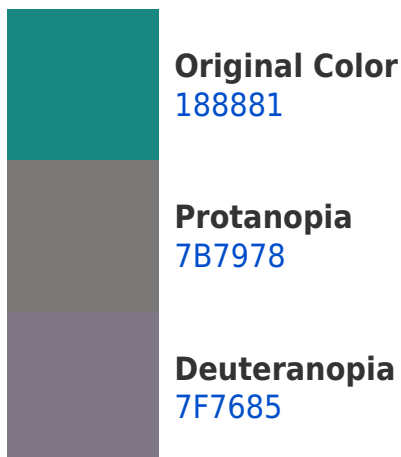


This preview shows how white text looks on a background with the Hex color 188881.

# 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**  
268691

# Trichromacy



**Original Color**  
188881



**Protanomaly**  
577E7B



**Deuteranomaly**  
5A7D84



**Tritanomaly**  
21878B

# Monochromacy



**Original Color**  
188881



**Achromatopsia**  
666666



**Achromatomaly**  
4A7270

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 188881 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 #188881 looks like.

```
.text, #text, p{  
    color:#188881  
}
```

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 #188881 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #188881
}
```

## Border

The CSS property to change the border of an element to Hex 188881 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
#188881 }
```

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

```
.border{ border-color:#188881 }
```

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

Here you see how a box with a 4 pixel #188881 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #188881; -webkit-box-shadow:4px 4px  
4px 4px #188881; box-shadow:4px 4px 4px  
4px #188881 }
```

# Background

The CSS property to change the background color of an element to Hex 188881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#188881 }
```

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

```
.background{ background-color:#188881 }
```

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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