

Converting Colors

Hex(018871)

Have a look what the booklet for
Hex(018871) contains.

Hex(018871)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(018871)

Conversions

Conversions Part 1

Format	Color
Hex	018871
RGB	1, 136, 113
RGB Percent	0%, 53%, 44%
CMY	0.9961, 0.4667, 0.5569
CMYK	0.99, 0.00, 0.17, 0.47
HSL	170°, 99%, 27%
HSV	170°, 99%, 53%
XYZ	11.7973, 18.8070, 18.6311
YIQ	93.0130, -73.0770, -35.7730

Conversions

Conversions Part 2

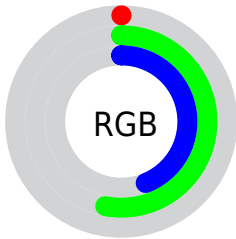
Format	Color
RYB	1, 75, 136
Decimal	100465
CIELab	50.46, -37.06, 3.55
CIELCh	50, 37.226, 174.523
Yxy	18.8070, 0.2396, 0.3820
Android (android.graphics.Color)	4278290545 (0xFF018871)
YUV	93.0130, 9.8536, -80.6954
Hunter-Lab	43.3671, -27.3343, 4.8851

Details

The Hex color **018871** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **880118**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **53BEA5**, and **005541** is the 20% darker color. If you saturate the color by 10%, you get **008871**, and if you desaturate by 10%, it is **0F8873**.

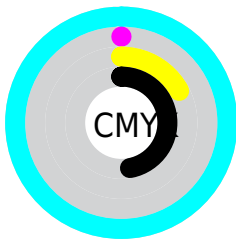
Distribution



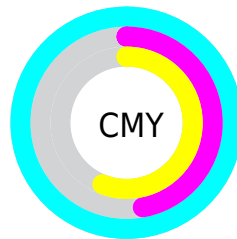
- Red (0%)
- Green (53%)
- Blue (44%)



- Red (0%)
- Yellow (29%)
- Blue (53%)



- Cyan (99%)
- Magenta (0%)
- Yellow (17%)
- Black (47%)





- Cyan (100%)
- Magenta (47%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 018871 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 018871 by changing the saturation by 10% instead.

 018871

 018871

FFFFFF

 006E59

 53BEA5

 005541

 70DAC0

 003D2B

 8DF7DC

 002817

 AAFF8

 000300

 C7FFFF

 000000

 E4FFFF

 018871

 018871

 008871

 0F8873

■ 1C8876

■ 2A8878

■ 37887A

■ 45887D

■ 53887F

■ 608881

■ 6E8884

■ 7B8886

Harmonies

Analogous

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



4B8552



018871



008891

Triad

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



018871



7272B2



A86945

Complementary

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



018871



880118

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.



B46060



018871



9A669D

Square

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



018871



327DB7



B05E7F



907438

Rectangle

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



018871



0086A4



B05E7F



AD654D

Sweetspot

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



018871



7BB0A7



1A8801



395954



D9D9D9



595959

Same Dimension

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



018871



00B092



015D88



3E4544



00856E



000504

Inverse Universe

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



880118



B0001E



882C01



453E3F



850017



050001

Previews

White Background



This preview shows how the Hex color 018871 looks on a white background.

Color Contrast Check

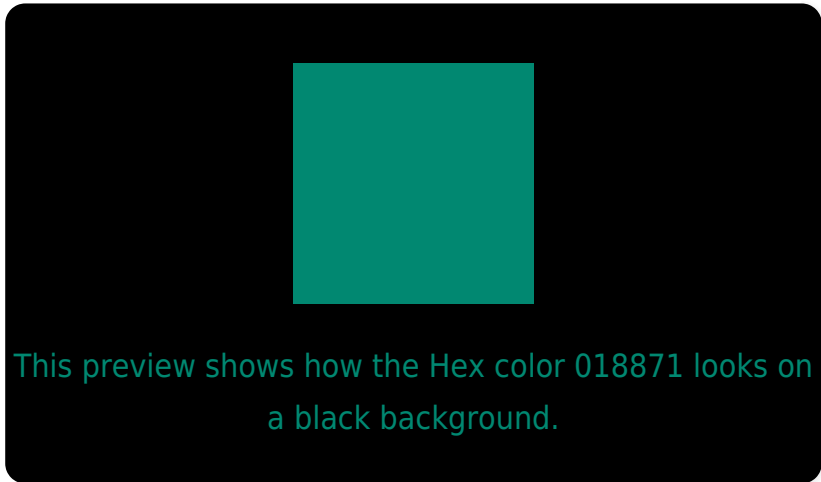
Large Text (above 18pt) WCAG AA ✓ Pass

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

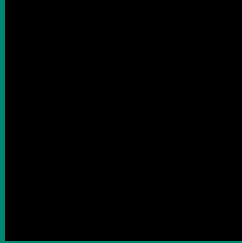
Any Text WCAG AA ✓ Pass

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 018871 Background



This preview shows how black text looks on a background with the Hex color 018871.

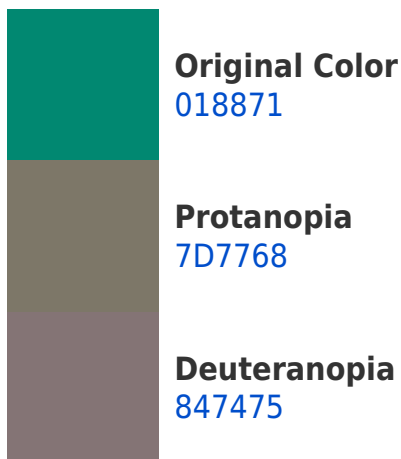


This preview shows how white text looks on a background with the Hex color 018871.

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
27848F

Trichromacy



Original Color
018871



Protanomaly
507D6B



Deuteranomaly
547B74



Tritanomaly
198584

Monochromacy



Original Color
018871



Achromatopsia
5D5D5D



Achromatomaly
3C6D64

CSS Examples

Text

The CSS property to change the color of the text to Hex 018871 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 #018871 looks like.

```
.text, #text, p{  
    color:#018871  
}
```

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 #018871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #018871
}
```

Border

The CSS property to change the border of an element to Hex 018871 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
#018871 }
```

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

```
.border{ border-color:#018871 }
```

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

Here you see how a box with a 4 pixel #018871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #018871; -webkit-box-shadow:4px 4px  
4px 4px #018871; box-shadow:4px 4px 4px  
4px #018871 }
```

Background

The CSS property to change the background color of an element to Hex 018871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#018871 }
```

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

```
.background{ background-color:#018871 }
```

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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