

Converting Colors

Hex(018677)

Have a look what the booklet for
Hex(018677) contains.

Hex(018677)	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(018677)

Conversions

Conversions Part 1

Format	Color
Hex	018677
RGB	1, 134, 119
RGB Percent	0%, 53%, 47%
CMY	0.9961, 0.4745, 0.5333
CMYK	0.99, 0.00, 0.11, 0.47
HSL	173°, 99%, 26%
HSV	173°, 99%, 53%
XYZ	11.8674, 18.3886, 20.3766
YIQ	92.5230, -74.4530, -32.8610

Conversions

Conversions Part 2

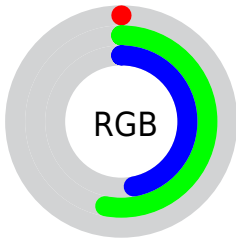
Format	Color
RYB	1, 71, 134
Decimal	99959
CIELab	49.96, -34.42, -0.67
CIELCh	50, 34.429, 181.111
Yxy	18.3886, 0.2344, 0.3632
Android (android.graphics.Color)	4278290039 (0xFF018677)
YUV	92.5230, 13.0532, -80.2657
Hunter-Lab	42.8819, -25.6441, 1.8439

Details

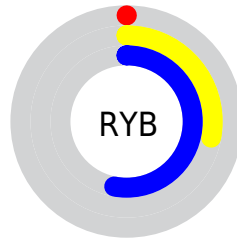
The Hex color **018677** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **860110**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **53BCAB**, and **005347** is the 20% darker color. If you saturate the color by 10%, you get **008677**, and if you desaturate by 10%, it is **0E8679**.

Distribution



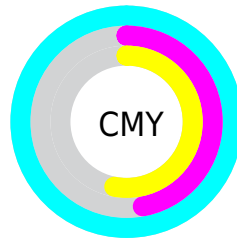
- Red (0%)
- Green (53%)
- Blue (47%)



- Red (0%)
- Yellow (28%)
- Blue (53%)



- Cyan (99%)
- Magenta (0%)
- Yellow (11%)
- Black (47%)




- Cyan (100%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 018677 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 018677 by changing the saturation by 10% instead.

 018677

 018677

FFFFFF

 006C5E

 53BCAB

 005347

 70D8C6

 003B30

 8DF5E2

 00261C

 AAFFFF

 000001

 C7FFFF

 000000

 E4FFFF

 018677

 018677

 008677

 0E8679

■ 1C867A

■ 29867C

■ 37867D

■ 44867F

■ 518680

■ 5F8682

■ 6C8683

■ 7A8685

Harmonies

Analogous

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



45845A



018677



008594

Triad

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



018677



7B6FA9



A06B44

Complementary

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



018677



860110

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.



AD625A



018677



9C6494

Square

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



018677



4979B1



AD5F77



88763B

Rectangle

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



018677



0083A4



AD5F77



A5684A

Sweetspot

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



018677



79ADA8



118601



375753



D6D6D6



575757

Same Dimension

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



018677



00AD9A



015386



3C4242



008273



000302

Inverse Universe

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



860110



AD0014



863401



423C3C



82000F



030000

Previews

White Background



This preview shows how the Hex color 018677 looks on a white background.

Color Contrast Check

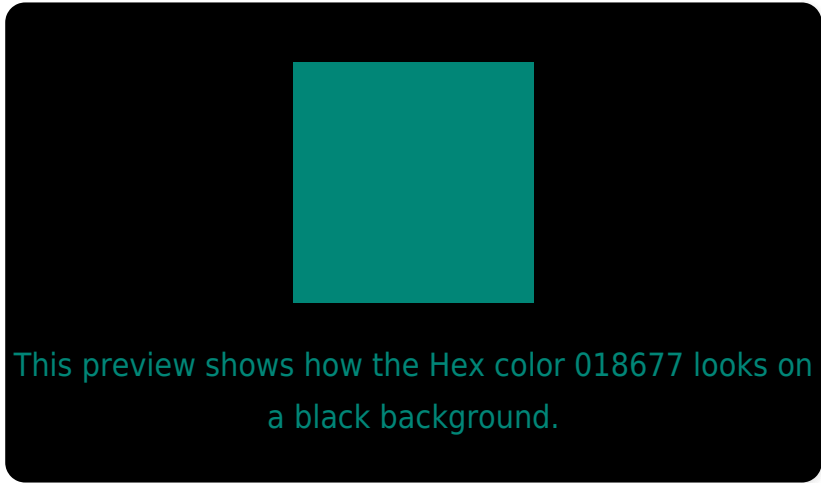
Large Text (above 18pt) WCAG AA ✓ Pass

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 018677 Background



This preview shows how black text looks on a background with the Hex color 018677.

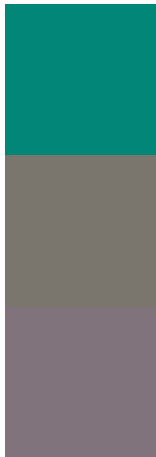


This preview shows how white text looks on a background with the Hex color 018677.

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
018677

Protanopia
7A766E

Deuteranopia
80737B



Tritanopia
23838D

Trichromacy



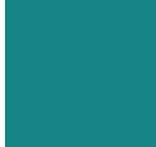
Original Color
018677



Protanomaly
4E7C71



Deuteranomaly
527A7A



Tritanomaly
178485

Monochromacy



Original Color
018677



Achromatopsia
5D5D5D



Achromatomaly
3C6C66

CSS Examples

Text

The CSS property to change the color of the text to Hex 018677 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 #018677 looks like.

```
.text, #text, p{  
    color:#018677  
}
```

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 #018677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #018677
}
```

Border

The CSS property to change the border of an element to Hex 018677 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
#018677 }
```

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

```
.border{ border-color:#018677 }
```

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

Here you see how a box with a 4 pixel #018677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #018677; -webkit-box-shadow:4px 4px  
4px 4px #018677; box-shadow:4px 4px 4px  
4px #018677 }
```

Background

The CSS property to change the background color of an element to Hex 018677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#018677 }
```

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

```
.background{ background-color:#018677 }
```

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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