

Converting Colors

Hex(018C63)

Have a look what the booklet for
Hex(018C63) contains.

Hex(018C63)	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(018C63)

Conversions

Conversions Part 1

Format	Color
Hex	018C63
RGB	1, 140, 99
RGB Percent	0%, 55%, 39%
CMY	0.9961, 0.4510, 0.6118
CMYK	0.99, 0.00, 0.29, 0.45
HSL	162°, 99%, 28%
HSV	162°, 99%, 55%
XYZ	11.6427, 19.6635, 14.9862
YIQ	93.7650, -69.6830, -42.2190

Conversions

Conversions Part 2

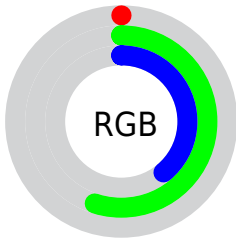
Format	Color
RYB	1, 83, 140
Decimal	101475
CIELab	51.45, -42.43, 13.04
CIElCh	51, 44.392, 162.919
Yxy	19.6635, 0.2515, 0.4248
Android (android.graphics.Color)	4278291555 (0xFF018C63)
YUV	93.7650, 2.5809, -81.3549
Hunter-Lab	44.3435, -30.7346, 11.0030

Details

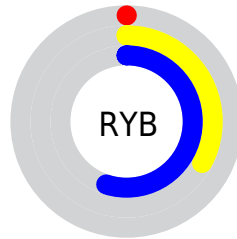
The Hex color **018C63** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8C012A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **53C396**, and **005934** is the 20% darker color. If you saturate the color by 10%, you get **008C63**, and if you desaturate by 10%, it is **0F8C67**.

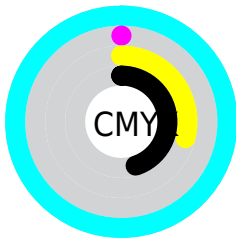
Distribution



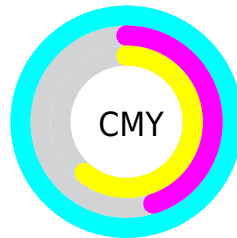
- Red (0%)
- Green (55%)
- Blue (39%)



- Red (0%)
- Yellow (33%)
- Blue (55%)



- Cyan (99%)
- Magenta (0%)
- Yellow (29%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 018C63 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 018C63 by changing the saturation by 10% instead.

 018C63

 018C63

FFFFFF

 00724B

 53C396

 005934

 70DFB1

 00401F

 8DFCCC

 002A08

 AAFFE8

 000A00

 C7FFFF

 000000

 E5FFFF

 018C63

 018C63

 008C63

 0F8C67

 1D8C6B

 2B8C6F

 398C74

 478C78

 558C7C

 638C80

 718C84

 7F8C88

Harmonies

Analogous

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



568740



018C63



008E8A

Triad

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



018C63



5579C5



B96349

Complementary

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



018C63



8C012A

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.



C15A6C



018C63



926AB2

Square

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



018C63



0085C3



B55D92



A27130

Rectangle

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



018C63



008DA3



B55D92



BE5F53

Sweetspot

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



018C63



7FB5A5



2B8C01



3B5C52



DBDBDB



5C5C5C

Same Dimension

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



018C63



00B580



01708C



3E4543



00855D



000504

Inverse Universe

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



8C012A



B50035



8C1D01



453E40



850027



050002

Previews

White Background



This preview shows how the Hex color 018C63 looks on a white background.

Color Contrast Check

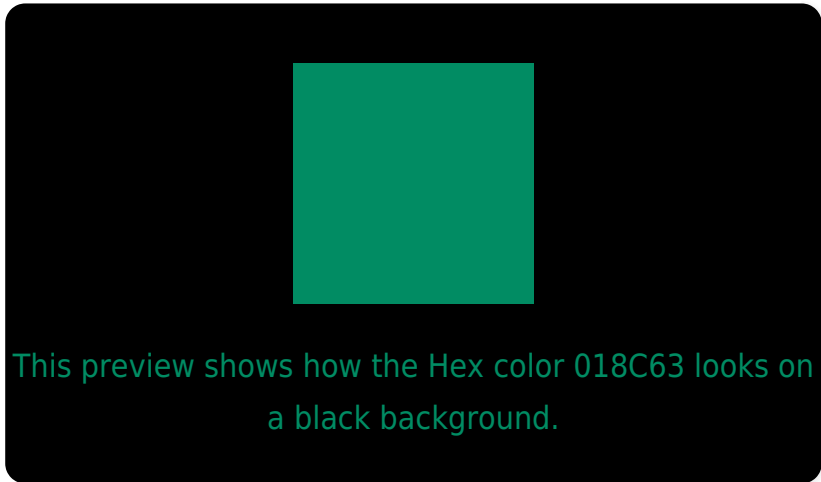
Large Text (above 18pt) WCAG AA ✓ Pass

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

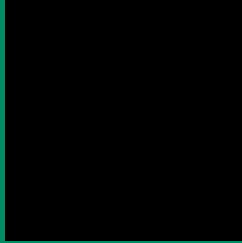
Any Text WCAG AA ✓ Pass

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 018C63 Background



This preview shows how black text looks on a background with the Hex color 018C63.

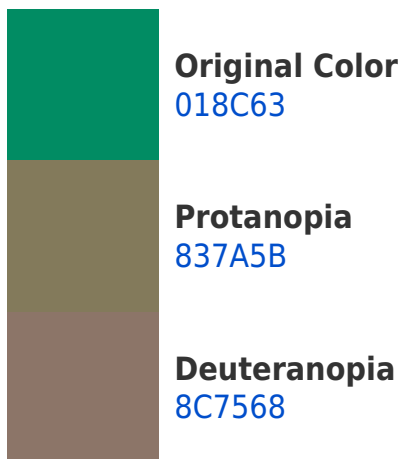


This preview shows how white text looks on a background with the Hex color 018C63.

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
2F8691

Trichromacy



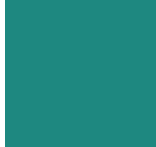
Original Color
018C63



Protanomaly
54815E



Deuteranomaly
597D66



Tritanomaly
1E8880

Monochromacy



Original Color
018C63



Achromatopsia
5E5E5E



Achromatomaly
3C6F60

CSS Examples

Text

The CSS property to change the color of the text to Hex 018C63 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 #018C63 looks like.

```
.text, #text, p{  
    color:#018C63  
}
```

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 #018C63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #018C63
}
```

Border

The CSS property to change the border of an element to Hex 018C63 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
#018C63 }
```

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

```
.border{ border-color:#018C63 }
```

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

Here you see how a box with a 4 pixel #018C63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #018C63; -webkit-box-shadow:4px 4px  
4px 4px #018C63; box-shadow:4px 4px 4px  
4px #018C63 }
```

Background

The CSS property to change the background color of an element to Hex 018C63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#018C63 }
```

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

```
.background{ background-color:#018C63 }
```

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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