

# Converting Colors

Hex(018A5C)

Have a look what the booklet for  
Hex(018A5C) contains.

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# Color

Hex(018A5C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	018A5C
RGB	1, 138, 92
RGB Percent	0%, 54%, 36%
CMY	0.9961, 0.4588, 0.6392
CMYK	0.99, 0.00, 0.33, 0.46
HSL	160°, 99%, 27%
HSV	160°, 99%, 54%
XYZ	11.0328, 18.9561, 13.2026
YIQ	91.7930, -66.8860, -43.3500

# Conversions

## Conversions Part 2

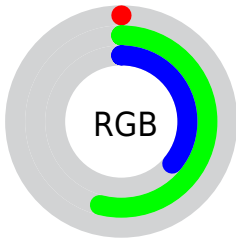
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 83, 138
Decimal	100956
CIELab	50.64, -43.32, 15.90
CIElCh	51, 46.145, 159.847
Yxy	18.9561, 0.2554, 0.4389
Android (android.graphics.Color)	4278291036 (0xFF018A5C)
YUV	91.7930, 0.1021, -79.6255
Hunter-Lab	43.5386, -30.9604, 12.4980

# Details

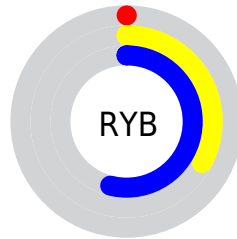
The Hex color **018A5C** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8A012F**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **52C08E**, and **00572E** is the 20% darker color. If you saturate the color by 10%, you get **008A5C**, and if you desaturate by 10%, it is **0F8A61**.

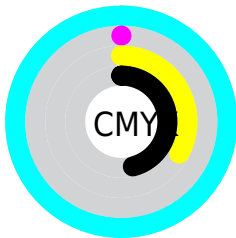
# Distribution



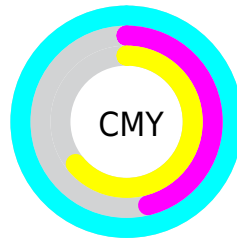
- Red (0%)
- Green (54%)
- Blue (36%)



- Red (0%)
- Yellow (33%)
- Blue (54%)



- Cyan (99%)
- Magenta (0%)
- Yellow (33%)
- Black (46%)



- Cyan (100%)
- Magenta (46%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 018A5C 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 018A5C by changing the saturation by 10% instead.



 018A5C

 018A5C

FFFFFF

 007044

 52C08E

 00572E

 6FDDA9

 003E18

 8CFAC4

 002900

 A9FFE0

 000400

 C6FFFD

 000000

 E3FFFF

 018A5C

 018A5C

 008A5C

 0F8A61

 1D8A65

 2A8A6A

 388A6F

 468A73

 548A78

 628A7C

 6F8A81

 7D8A86

# Harmonies

## Analogous

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



578439



018A5C



008C85

# Triad

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



018A5C



4679C6



BB5E48

# Complementary

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



018A5C



8A012F

# 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.



C1556D



018A5C



8C69B5

# Square

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



018A5C



0084C2



B25A95



A46D2D

# Rectangle

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



018A5C



008B9F



B25A95



BF5A54



# Sweetspot

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



018A5C



7DB3A1



318A01



39594E



D9D9D9



595959



# Same Dimension

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



018A5C



00B377



01758A



3E4543



008558



000503



# Inverse Universe

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



8A012F



B3003C



8A1601



453E40



85002D



050002



# Previews

## White Background



This preview shows how the Hex color 018A5C looks on a white background.

## Color Contrast Check

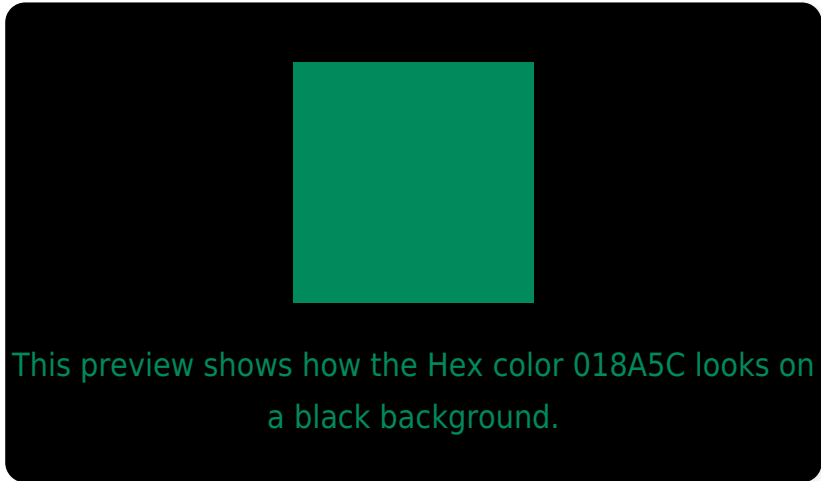
Large Text (above 18pt) WCAG AA ✓ Pass

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 018A5C Background



This preview shows how black text looks on a background with the Hex color 018A5C.



This preview shows how white text looks on a background with the Hex color 018A5C.

# 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**  
018A5C

**Protanopia**  
827854

**Deuteranopia**  
8B7361



**Tritanopia**  
30848E

# Trichromacy



**Original Color**  
018A5C



**Protanomaly**  
537F57



**Deuteranomaly**  
597B5F



**Tritanomaly**  
1F867C

# Monochromacy



**Original Color**  
018A5C



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
3B6D5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 018A5C 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 #018A5C looks like.

```
.text, #text, p{  
    color:#018A5C  
}
```

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 #018A5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #018A5C
}
```

## Border

The CSS property to change the border of an element to Hex 018A5C 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
#018A5C }
```

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

```
.border{ border-color:#018A5C }
```

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

Here you see how a box with a 4 pixel #018A5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #018A5C; -webkit-box-shadow:4px 4px  
4px 4px #018A5C; box-shadow:4px 4px 4px  
4px #018A5C }
```

# Background

The CSS property to change the background color of an element to Hex 018A5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#018A5C }
```

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

```
.background{ background-color:#018A5C }
```

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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