

# Converting Colors

Hex(01A15C)

Have a look what the booklet for  
Hex(01A15C) contains.

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**Color**

**Hex(01A15C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01A15C
RGB	1, 161, 92
RGB Percent	0%, 63%, 36%
CMY	0.9961, 0.3686, 0.6392
CMYK	0.99, 0.00, 0.43, 0.37
HSL	154°, 99%, 32%
HSV	154°, 99%, 63%
XYZ	14.6892, 26.2689, 14.4214
YIQ	105.2940, -73.2110, -55.3790

# Conversions

## Conversions Part 2

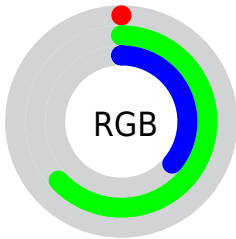
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 103, 161
Decimal	106844
CIELab	58.29, -51.90, 26.14
CIElCh	58, 58.111, 153.267
Yxy	26.2689, 0.2652, 0.4743
Android (android.graphics.Color)	4278296924 (0xFF01A15C)
YUV	105.2940, -6.5539, -91.4658
Hunter-Lab	51.2532, -38.5350, 19.1944

# Details

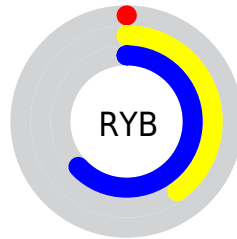
The Hex color **01A15C** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A10146**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **59D98F**, and **006C2D** is the 20% darker color. If you saturate the color by 10%, you get **00A15C**, and if you desaturate by 10%, it is **11A163**.

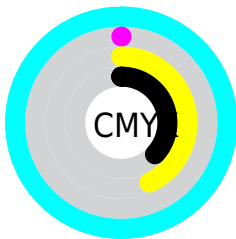
# Distribution



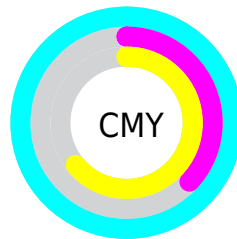
- Red (0%)
- Green (63%)
- Blue (36%)



- Red (0%)
- Yellow (40%)
- Blue (63%)



- Cyan (99%)
- Magenta (0%)
- Yellow (43%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 01A15C 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 01A15C by changing the saturation by 10% instead.



 01A15C

 01A15C

FFFFFF

 008644

 59D98F

 006C2D

 77F6AA

 005216

 95FFC5

 003A00

 B3FFE1

 002400

 D0FFE


 000000

 EEEFFF

 01A15C

 01A15C

 00A15C

 11A163

 21A16A

 31A171

 41A178

 51A17F

 62A186

 72A18D

 82A194

 92A19A

# Harmonies

## Analogous

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



6D992F



01A15C



00A490

# Triad

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



01A15C



0090F2



E36457

# Complementary

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



01A15C



A10146

# 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.



E75B89



01A15C



947CE2

# Square

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



01A15C



009DE7



CE66BB



CA782E

# Rectangle

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



01A15C



00A4B3



CE66BB



E75F67



# Sweetspot

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



01A15C



92D1B6



46A101



436958



E8E8E8



696969



# Same Dimension

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



01A15C



00D177



0196A1



49524E



009153



00120A



# Inverse Universe

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



A10146



D1005A



A10C01



52494D



91003F



120008



# Previews

## White Background



This preview shows how the Hex color 01A15C looks on a white background.

## Color Contrast Check

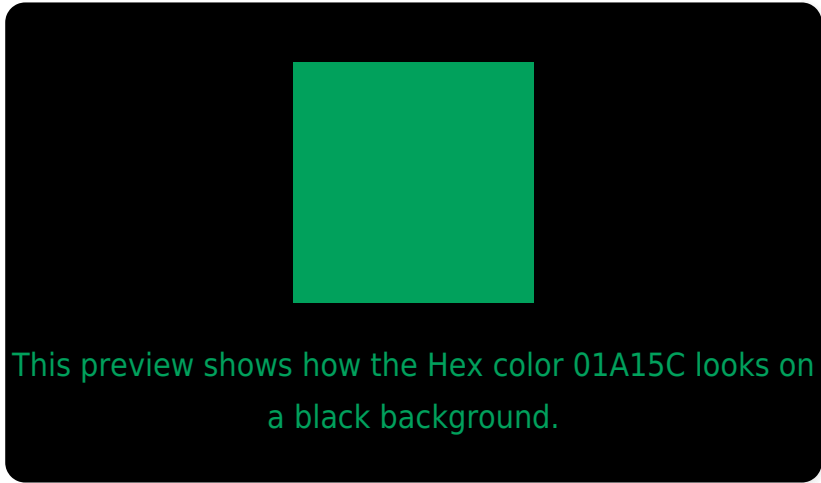
Large Text (above 18pt) WCAG AA ✓ Pass

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 01A15C Background



This preview shows how black text looks on a background with the Hex color 01A15C.



This preview shows how white text looks on a background with the Hex color 01A15C.

# 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**  
01A15C

**Protanopia**  
988B54

**Deuteranopia**  
A68563



**Tritanopia**  
3B99A5

# Trichromacy



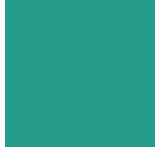
**Original Color**  
01A15C



**Protanomaly**  
619357



**Deuteranomaly**  
6A8F60



**Tritanomaly**  
269C8A

# Monochromacy



**Original Color**  
01A15C



**Achromatopsia**  
696969



**Achromatomaly**  
437D64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01A15C 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 #01A15C looks like.

```
.text, #text, p{  
    color:#01A15C  
}
```

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 #01A15C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01A15C
}
```

## Border

The CSS property to change the border of an element to Hex 01A15C 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
#01A15C }
```

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

```
.border{ border-color:#01A15C }
```

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

Here you see how a box with a 4 pixel #01A15C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01A15C; -webkit-box-shadow:4px 4px  
4px 4px #01A15C; box-shadow:4px 4px 4px  
4px #01A15C }
```

# Background

The CSS property to change the background color of an element to Hex 01A15C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01A15C }
```

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

```
.background{ background-color:#01A15C }
```

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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