

# Converting Colors

Hex(01A448)

Have a look what the booklet for  
Hex(01A448) contains.

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**Color**

**Hex(01A448)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01A448
RGB	1, 164, 72
RGB Percent	0%, 64%, 28%
CMY	0.9961, 0.3569, 0.7176
CMYK	0.99, 0.00, 0.56, 0.36
HSL	146°, 99%, 32%
HSV	146°, 99%, 64%
XYZ	14.4577, 27.0253, 10.5853
YIQ	104.7750, -67.6160, -63.1680

# Conversions

## Conversions Part 2

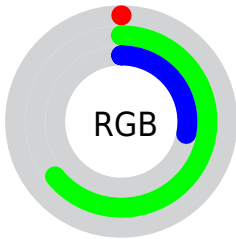
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 115, 164
Decimal	107592
CIELab	59.00, -56.36, 37.34
CIElCh	59, 67.610, 146.472
Yxy	27.0253, 0.2777, 0.5190
Android (android.graphics.Color)	4278297672 (0xFF01A448)
YUV	104.7750, -16.1581, -91.0107
Hunter-Lab	51.9858, -41.3329, 24.3175

# Details

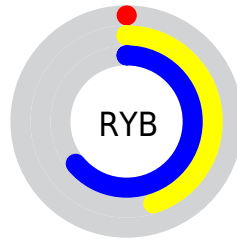
The Hex color **01A448** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A4015D**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5ADC7B**, and **006F16** is the 20% darker color. If you saturate the color by 10%, you get **00A447**, and if you desaturate by 10%, it is **11A451**.

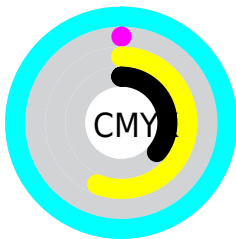
# Distribution



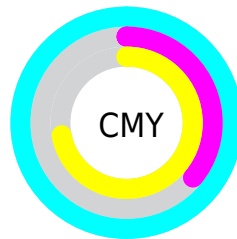
- Red (0%)
- Green (64%)
- Blue (28%)



- Red (0%)
- Yellow (45%)
- Blue (64%)



- Cyan (99%)
- Magenta (0%)
- Yellow (56%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 01A448 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 01A448 by changing the saturation by 10% instead.





01A448



01A448

FFFFFF



00892F



5ADC7B



006F16



79F995



005500



97FFB0



003C00



B5FFCC



002500



D2FFE9



000000



F1FFFF



01A448



01A448



00A447



11A451

 22A45B

 32A464

 43A46D

 53A476

 63A480

 74A489

 84A492

 95A49B

# Harmonies

## Analogous

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



779A08



01A448



00A985

# Triad

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



01A448



0097FF



F5575D

# Complementary

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



01A448



A4015D

# 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.



F35098



01A448



7E81F9

# Square

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



01A448



00A4F1



CE65D0



DC7127

# Rectangle

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



01A448



00A9AE



CE65D0



F75270



# Sweetspot

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



01A448



96D6B2



5DA401



456B55



EBEBEB



6B6B6B



# Same Dimension

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



01A448



00D65D



01A499



49524D



00913F



001208



# Inverse Universe

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



A4015D



D60079



A4010C



52494E



910052



12000A



# Previews

## White Background



This preview shows how the Hex color 01A448 looks on a white background.

## Color Contrast Check

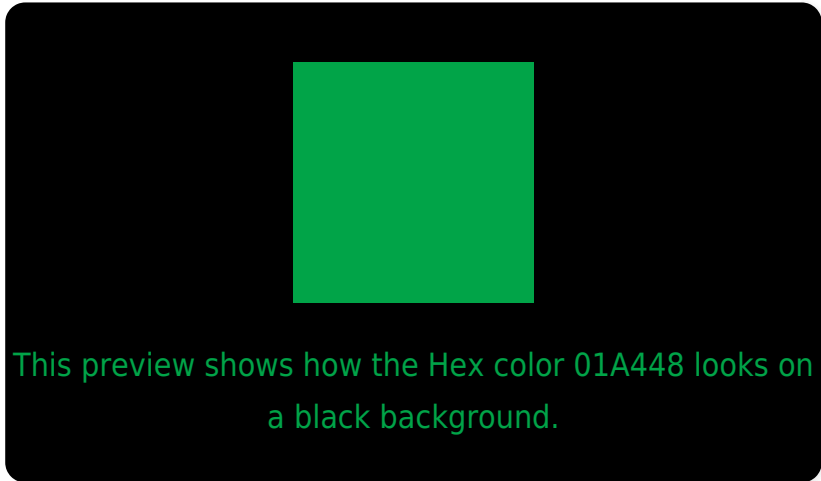
Large Text (above 18pt) WCAG AA ✓ Pass

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 01A448 Background



This preview shows how black text looks on a background with the Hex color 01A448.

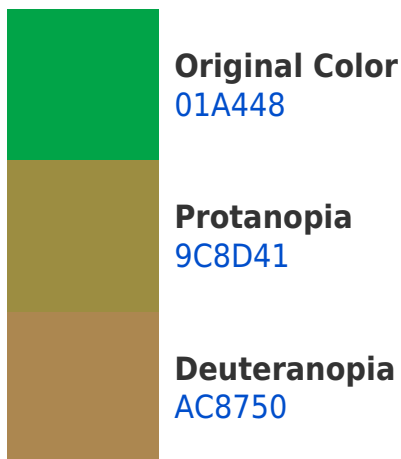


This preview shows how white text looks on a background with the Hex color 01A448.

# 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**  
409AA7

# Trichromacy



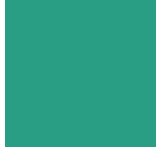
**Original Color**  
01A448



**Protanomaly**  
649544



**Deuteranomaly**  
6E924D



**Tritanomaly**  
299E84

# Monochromacy



**Original Color**  
01A448



**Achromatopsia**  
696969



**Achromatomaly**  
437E5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01A448 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 #01A448 looks like.

```
.text, #text, p{  
    color:#01A448  
}
```

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 #01A448 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01A448
}
```

## Border

The CSS property to change the border of an element to Hex 01A448 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
#01A448 }
```

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

```
.border{ border-color:#01A448 }
```

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

Here you see how a box with a 4 pixel #01A448 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01A448; -webkit-box-shadow:4px 4px  
4px 4px #01A448; box-shadow:4px 4px 4px  
4px #01A448 }
```

# Background

The CSS property to change the background color of an element to Hex 01A448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01A448 }
```

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

```
.background{ background-color:#01A448 }
```

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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