

Converting Colors

Hex(01A148)

Have a look what the booklet for
Hex(01A148) contains.

Hex(01A148)	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(01A148)

Conversions

Conversions Part 1

Format	Color
Hex	01A148
RGB	1, 161, 72
RGB Percent	0%, 63%, 28%
CMY	0.9961, 0.3686, 0.7176
CMYK	0.99, 0.00, 0.55, 0.37
HSL	147°, 99%, 32%
HSV	147°, 99%, 63%
XYZ	13.9271, 25.9641, 10.4084
YIQ	103.0140, -66.7910, -61.5990

Conversions

Conversions Part 2

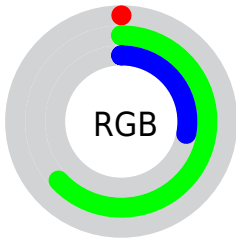
Format	Color
RYB	1, 112, 161
Decimal	106824
CIELab	58.00, -55.38, 36.14
CIELCh	58, 66.130, 146.869
Yxy	25.9641, 0.2769, 0.5162
Android (android.graphics.Color)	4278296904 (0xFF01A148)
YUV	103.0140, -15.2899, -89.4663
Hunter-Lab	50.9550, -40.3833, 23.5575

Details

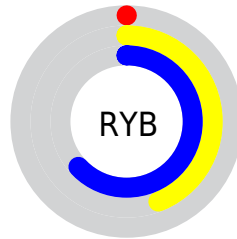
The Hex color **01A148** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A1015A**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5AD97B**, and **006C17** is the 20% darker color. If you saturate the color by 10%, you get **00A147**, and if you desaturate by 10%, it is **11A151**.

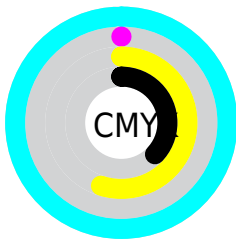
Distribution



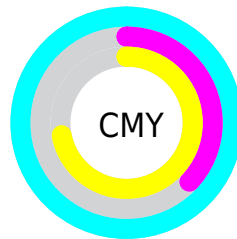
- Red (0%)
- Green (63%)
- Blue (28%)



- Red (0%)
- Yellow (44%)
- Blue (63%)



- Cyan (99%)
- Magenta (0%)
- Yellow (55%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01A148 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 01A148 by changing the saturation by 10% instead.



01A148



01A148

FFFFFF



008630



5AD97B



006C17



78F695



005200



96FFB0



003A00



B3FFCC



002300



D1FFE8



000000



FFFFFF



01A148



01A148



00A147



11A151

 21A15A

 31A163

 41A16C

 51A175

 62A17E

 72A187

 82A190

 92A199

Harmonies

Analogous

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



74970C



01A148



00A583

Triad

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



01A148



0094FF



F0575B

Complementary

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



01A148



A1015A

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.



EE5094



01A148



7D7FF3

Square

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



01A148



00A1EC



CB63CC



D76F27

Rectangle

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



01A148



00A6AB



CB63CC



F2516D

Sweetspot

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



01A148



92D1AE



5CA101



436954



E8E8E8



696969

Same Dimension

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



01A148



00D15D



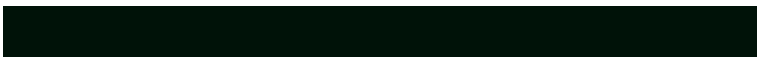
01A196



49524D



009140



001208

Inverse Universe

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



A1015A



D10074



A1010C



52494E



910051



12000A

Previews

White Background



This preview shows how the Hex color 01A148 looks on a white background.

Color Contrast Check

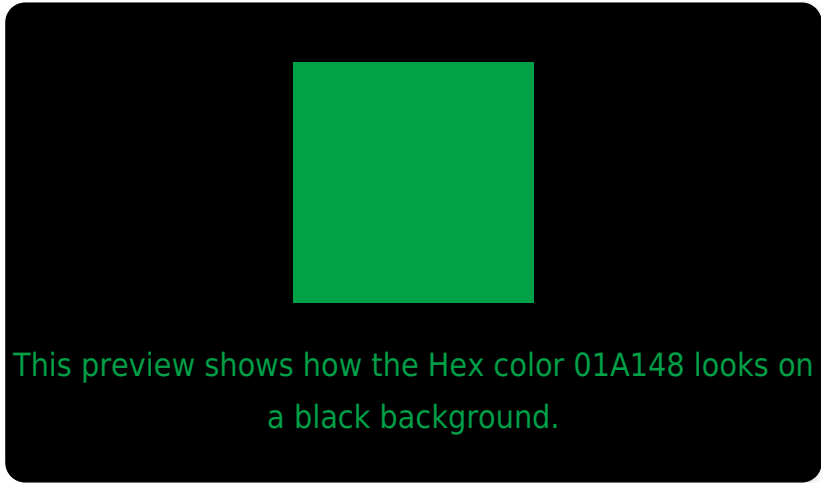
Large Text (above 18pt) WCAG AA ✓ Pass

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 01A148 Background



This preview shows how black text looks on a background with the Hex color 01A148.



This preview shows how white text looks on a background with the Hex color 01A148.

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](#).

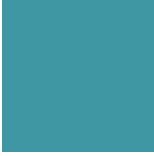
Dichromacy



Original Color
01A148

Protanopia
9A8B41

Deuteranopia
A98450



Tritanopia
3F97A4

Trichromacy



Original Color
01A148



Protanomaly
629344



Deuteranomaly
6C8F4D



Tritanomaly
289B83

Monochromacy



Original Color
01A148



Achromatopsia
676767



Achromatomaly
427C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 01A148 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 #01A148 looks like.

```
.text, #text, p{  
    color:#01A148  
}
```

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 #01A148 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01A148
}
```

Border

The CSS property to change the border of an element to Hex 01A148 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
#01A148 }
```

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

```
.border{ border-color:#01A148 }
```

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

Here you see how a box with a 4 pixel #01A148 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01A148; -webkit-box-shadow:4px 4px  
4px 4px #01A148; box-shadow:4px 4px 4px  
4px #01A148 }
```

Background

The CSS property to change the background color of an element to Hex 01A148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01A148 }
```

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

```
.background{ background-color:#01A148 }
```

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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