

# Converting Colors

Hex(15A922)

Have a look what the booklet for  
Hex(15A922) contains.

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**Color**

**Hex(15A922)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15A922
RGB	21, 169, 34
RGB Percent	8%, 66%, 13%
CMY	0.9176, 0.3373, 0.8667
CMYK	0.88, 0.00, 0.80, 0.34
HSL	125°, 78%, 37%
HSV	125°, 88%, 66%
XYZ	14.7860, 28.6509, 6.2642
YIQ	109.3580, -44.8730, -73.3610

# Conversions

## Conversions Part 2

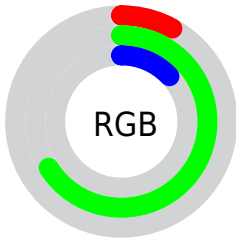
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 157, 169
Decimal	1419554
CIE <sub>Lab</sub>	60.47, -60.71, 54.64
CIE <sub>LCh</sub>	60, 81.679, 138.013
Yxy	28.6509, 0.2975, 0.5765
Android (android.graphics.Color)	4279609634 (0xFF15A922)
YUV	109.3580, -37.1515, -77.4900
Hunter-Lab	53.5265, -44.3632, 30.5298

# Details

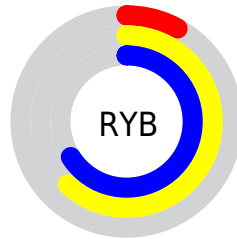
The Hex color **15A922** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A9159C**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **63E25A**, and **007300** is the 20% darker color. If you saturate the color by 10%, you get **04A913**, and if you desaturate by 10%, it is **26A931**.

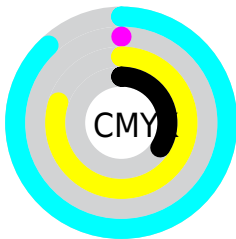
# Distribution



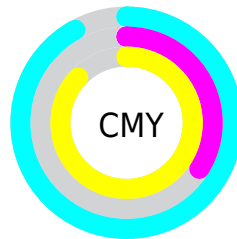
- Red (8%)
- Green (66%)
- Blue (13%)



- Red (8%)
- Yellow (62%)
- Blue (66%)



- Cyan (88%)
- Magenta (0%)
- Yellow (80%)
- Black (34%)



- Cyan (92%)
- Magenta (34%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15A922 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 15A922 by changing the saturation by 10% instead.





15A922



15A922

FFFFFF



008E00



63E25A



007300



82FF75



005900



A0FF90



004000



BEFFAC



002900



DCFFC8



000300



FAFFE5



000000



15A922



15A922



04A913



26A931

 00A90F

 37A941

 48A950

 59A960

 69A96F

 7AA97E

 8BA98E

 9CA99D

 ADA9AD

# Harmonies

## Analogous

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



879C00



15A922



00AF71

# Triad

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



15A922



00A3FF



FF3D6A

# Complementary

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



15A922



A9159C

# 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.



FF3FB2



15A922



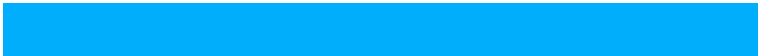
368BFF

# Square

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



15A922



00AEFC



C967F3



F76224

# Rectangle

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



15A922



00B1A4



C967F3



FF3782



# Sweetspot

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



15A922



A2DBA7



9DA915



4C6E4F



EDEDED



6E6E6E



# Same Dimension

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



15A922



00DB13



15A96B



4C544C



00940D



001402



# Inverse Universe

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



A9159C



DB00C8



A91553



544C53



940087

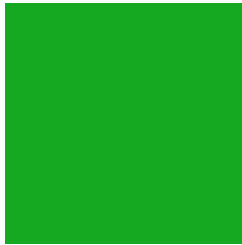


140013



# Previews

## White Background



This preview shows how the Hex color 15A922 looks on a white background.

## Color Contrast Check

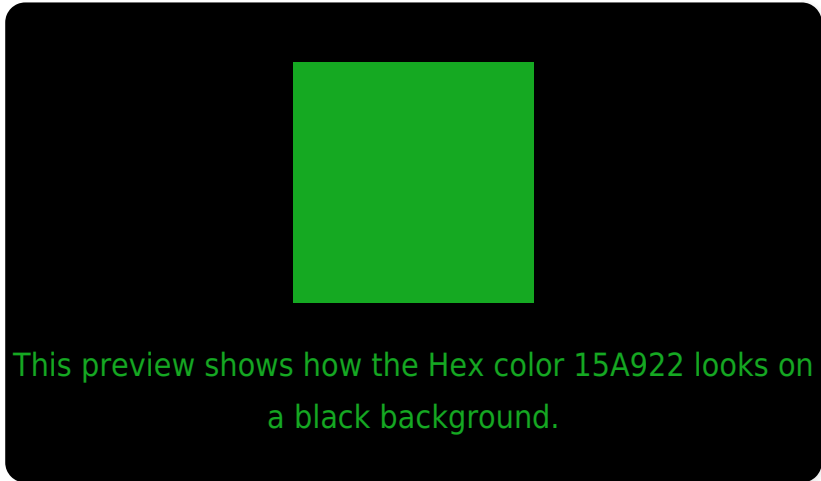
Large Text (above 18pt) WCAG AA ✓ Pass

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 15A922 Background



This preview shows how black text looks on a background with the Hex color 15A922.



This preview shows how white text looks on a background with the Hex color 15A922.

# 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](#).

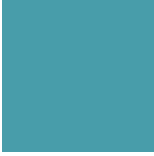
## Dichromacy



**Original Color**  
15A922

**Protanopia**  
A3911C

**Deuteranopia**  
B58931



**Tritanopia**  
489DAA

# Trichromacy



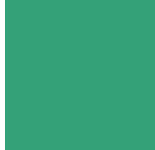
**Original Color**  
15A922



**Protanomaly**  
6F9A1E



**Deuteranomaly**  
7B952C



**Tritanomaly**  
35A179

# Monochromacy



**Original Color**  
15A922



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
4D8352

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15A922 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 #15A922 looks like.

```
.text, #text, p{  
    color:#15A922  
}
```

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 #15A922 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15A922
}
```

## Border

The CSS property to change the border of an element to Hex 15A922 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
#15A922 }
```

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

```
.border{ border-color:#15A922 }
```

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

Here you see how a box with a 4 pixel #15A922 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15A922; -webkit-box-shadow:4px 4px  
4px 4px #15A922; box-shadow:4px 4px 4px  
4px #15A922 }
```

# Background

The CSS property to change the background color of an element to Hex 15A922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15A922 }
```

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

```
.background{ background-color:#15A922 }
```

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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