

# Converting Colors

Hex(15AA2C)

Have a look what the booklet for  
Hex(15AA2C) contains.

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# Color

Hex(15AA2C)

# Conversions

## Conversions Part 1

Format	Color
Hex	15AA2C
RGB	21, 170, 44
RGB Percent	8%, 67%, 17%
CMY	0.9176, 0.3333, 0.8275
CMYK	0.88, 0.00, 0.74, 0.33
HSL	129°, 78%, 37%
HSV	129°, 88%, 67%
XYZ	15.1386, 29.0907, 7.2001
YIQ	111.0850, -48.3580, -70.7740

# Conversions

## Conversions Part 2

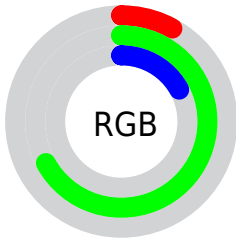
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 150, 170
Decimal	1419820
CIE <sub>Lab</sub>	60.86, -60.27, 51.64
CIE <sub>LCh</sub>	61, 79.369, 139.407
Yxy	29.0907, 0.2944, 0.5656
Android (android.graphics.Color)	4279609900 (0xFF15AA2C)
YUV	111.0850, -33.0729, -79.0045
Hunter-Lab	53.9358, -44.2866, 29.8403

# Details

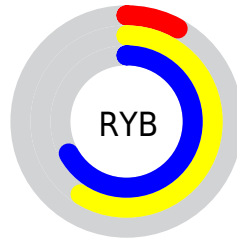
The Hex color **15AA2C** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AA1593**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **63E362**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **04AA1E**, and if you desaturate by 10%, it is **26AA3A**.

# Distribution



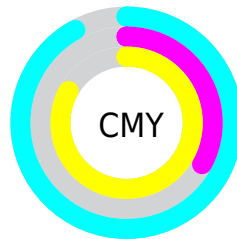
- Red (8%)
- Green (67%)
- Blue (17%)



- Red (8%)
- Yellow (59%)
- Blue (67%)



- Cyan (88%)
- Magenta (0%)
- Yellow (74%)
- Black (33%)



- Cyan (92%)
- Magenta (33%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15AA2C 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 15AA2C by changing the saturation by 10% instead.



 15AA2C

 15AA2C

FFFFFF

 008F0A

 63E362

 007400

 81FF7C

 005A00

 9FFF98

 004100

 BDFFB3

 002A00

 DBFFD0

 000600

 FAFFED

 000000

 15AA2C

 15AA2C

 04AA1E

 26AA3A

■ 00AA1A

■ 37AA49

■ 48AA57

■ 59AA66

■ 6AAA74

■ 7BAA82

■ 8CAA91

■ 9DAA9F

■ AEAAAD

# Harmonies

## Analogous

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



869D00



15AA2C



00B077

# Triad

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



15AA2C



00A3FF



FF4569

# Complementary

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



15AA2C



AA1593

# 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.



FF44AF



15AA2C



4D8BFF

# Square

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



15AA2C



00AEFD



CD68EF



F56625

# Rectangle

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



15AA2C



00B2A8



CD68EF



FF3F80



# Sweetspot

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



15AA2C



A4DEAD



94AA15



4D7053



F0F0F0



707070



# Same Dimension

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



15AA2C



00DE22



15AA76



4C544D



009417



001403



# Inverse Universe

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



AA1593



DE00BC



AA1549



544C53



94007D

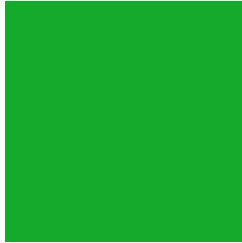


140011



# Previews

## White Background



This preview shows how the Hex color 15AA2C looks on a white background.

## Color Contrast Check

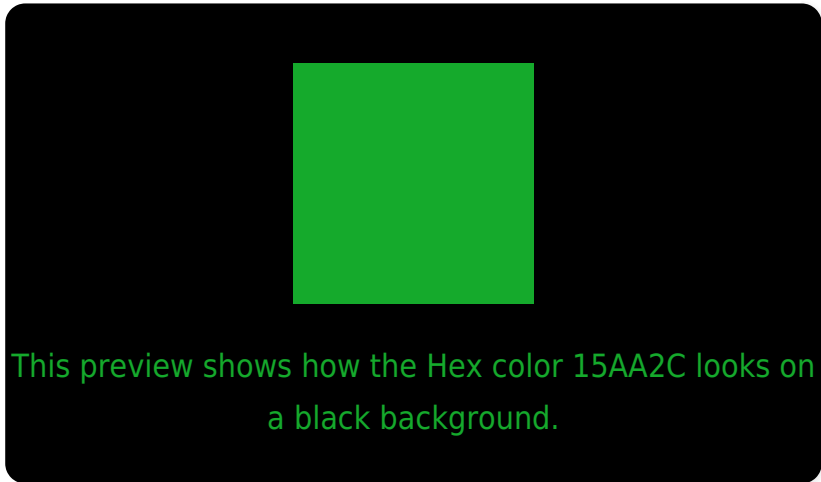
Large Text (above 18pt) WCAG AA ✓ Pass

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 15AA2C Background



This preview shows how black text looks on a background with the Hex color 15AA2C.

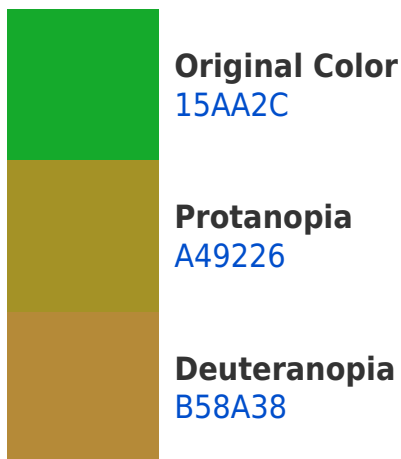


This preview shows how white text looks on a background with the Hex color 15AA2C.

# 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**  
489FAB

# Trichromacy



**Original Color**  
15AA2C



**Protanomaly**  
709B28



**Deuteranomaly**  
7B9634



**Tritanomaly**  
35A37D

# Monochromacy



**Original Color**  
15AA2C



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
4E8457

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15AA2C 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 #15AA2C looks like.

```
.text, #text, p{  
    color:#15AA2C  
}
```

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 #15AA2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15AA2C
}
```

## Border

The CSS property to change the border of an element to Hex 15AA2C 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
#15AA2C }
```

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

```
.border{ border-color:#15AA2C }
```

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

Here you see how a box with a 4 pixel #15AA2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15AA2C; -webkit-box-shadow:4px 4px  
4px 4px #15AA2C; box-shadow:4px 4px 4px  
4px #15AA2C }
```

# Background

The CSS property to change the background color of an element to Hex 15AA2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15AA2C }
```

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

```
.background{ background-color:#15AA2C }
```

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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