

Converting Colors

Hex(15AB33)

Have a look what the booklet for
Hex(15AB33) contains.

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Color

Hex(15AB33)

Conversions

Conversions Part 1

Format	Color
Hex	15AB33
RGB	21, 171, 51
RGB Percent	8%, 67%, 20%
CMY	0.9176, 0.3294, 0.8000
CMYK	0.88, 0.00, 0.70, 0.33
HSL	132°, 78%, 38%
HSV	132°, 88%, 67%
XYZ	15.4697, 29.5243, 8.0154
YIQ	112.4700, -50.8800, -69.1200

Conversions

Conversions Part 2

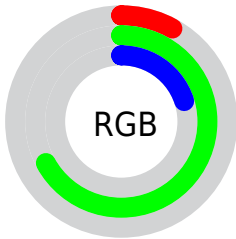
Format	Color
R_{YB}	21, 146, 171
Decimal	1420083
CIE _{Lab}	61.24, -59.94, 49.35
CIE _{LCh}	61, 77.648, 140.534
Yxy	29.5243, 0.2918, 0.5570
Android (android.graphics.Color)	4279610163 (0xFF15AB33)
YUV	112.4700, -30.3047, -80.2192
Hunter-Lab	54.3362, -44.2689, 29.2892

Details

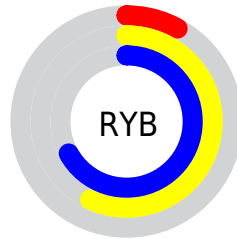
The Hex color **15AB33** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AB158D**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **63E468**, and **007500** is the 20% darker color. If you saturate the color by 10%, you get **04AB25**, and if you desaturate by 10%, it is **26AB41**.

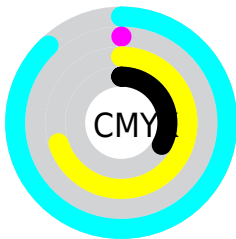
Distribution



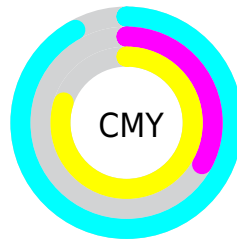
- Red (8%)
- Green (67%)
- Blue (20%)



- Red (8%)
- Yellow (57%)
- Blue (67%)



- Cyan (88%)
- Magenta (0%)
- Yellow (70%)
- Black (33%)



- Cyan (92%)
- Magenta (33%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15AB33 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 15AB33 by changing the saturation by 10% instead.

 15AB33

 15AB33

FFFFFF

 009016

 63E468

 007500

 81FF82

 005B00

 9FFF9E

 004200

 BDFFB9

 002B00

 DBFFD6

 000800

 FAFFF3

 000000

 15AB33

 15AB33

 04AB25

 26AB41

 00AB22

 37AB4E

 48AB5C

 59AB6A

 6BAB77

 7CAB85

 8DAB93

 9EABA0

 AFABAE

Harmonies

Analogous

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



859F00



15AB33



00B17B

Triad

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



15AB33



00A3FF



FF4A68

Complementary

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



15AB33



AB158D

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.



FF48AD



15AB33



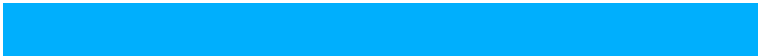
5B8BFF

Square

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



15AB33



00AFFD



D069EC



F36A27

Rectangle

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



15AB33



00B2AB



D069EC



FF447F

Sweetspot

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



15AB33



A4DEB0



8DAB15



4D7054



F0F0F0



707070

Same Dimension

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



15AB33



00DE2C



15AB7E



4E5750



00961E



001705

Inverse Universe

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



AB158D



DE00B1



AB1542



574E55



960078



170012

Previews

White Background



This preview shows how the Hex color 15AB33 looks on a white background.

Color Contrast Check

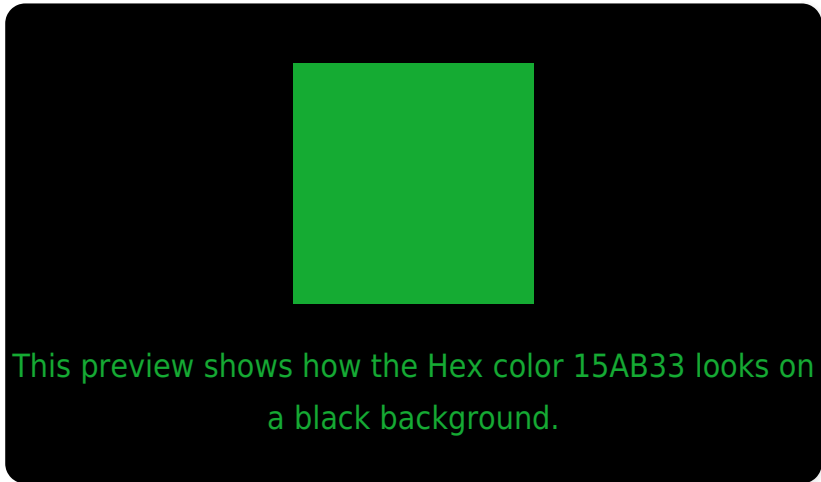
Large Text (above 18pt) WCAG AA ✓ Pass

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 15AB33 Background



This preview shows how black text looks on a background with the Hex color 15AB33.

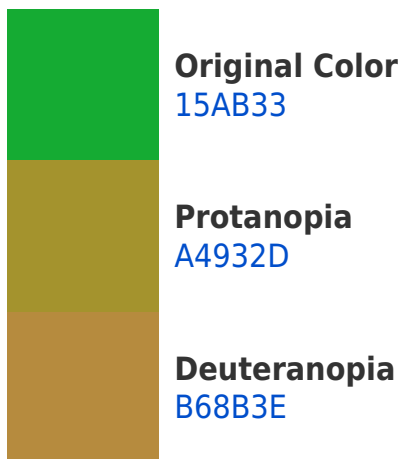


This preview shows how white text looks on a background with the Hex color 15AB33.

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
48A0AD

Trichromacy



Original Color
15AB33



Protanomaly
709C2F



Deuteranomaly
7B973A



Tritanomaly
35A481

Monochromacy



Original Color
15AB33



Achromatopsia
707070



Achromatomaly
4F855A

CSS Examples

Text

The CSS property to change the color of the text to Hex 15AB33 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 #15AB33 looks like.

```
.text, #text, p{  
    color:#15AB33  
}
```

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 #15AB33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15AB33  
}
```

Border

The CSS property to change the border of an element to Hex 15AB33 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  
#15AB33 }
```

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

```
.border{ border-color:#15AB33 }
```

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

Here you see how a box with a 4 pixel #15AB33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15AB33; -webkit-box-shadow:4px 4px  
4px 4px #15AB33; box-shadow:4px 4px 4px  
4px #15AB33 }
```

Background

The CSS property to change the background color of an element to Hex 15AB33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15AB33 }
```

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

```
.background{ background-color:#15AB33 }
```

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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