

Converting Colors

Hex(15AA32)

Have a look what the booklet for
Hex(15AA32) contains.

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Color

Hex(15AA32)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 15AA32 |
| RGB | 21, 170, 50 |
| RGB Percent | 8%, 67%, 20% |
| CMY | 0.9176, 0.3333, 0.8039 |
| CMYK | 0.88, 0.00, 0.71, 0.33 |
| HSL | 132°, 78%, 37% |
| HSV | 132°, 88%, 67% |
| XYZ | 15.2597, 29.1392, 7.8378 |
| YIQ | 111.7690, -50.2840, -68.9080 |

Conversions

Conversions Part 2

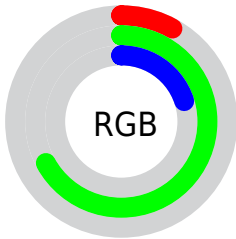
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 21, 146, 170 |
| Decimal | 1419826 |
| CIELab | 60.90, -59.73, 49.40 |
| CIELCh | 61, 77.511, 140.410 |
| Yxy | 29.1392, 0.2921, 0.5578 |
| Android (android.graphics.Color) | 4279609906 (0xFF15AA32) |
| YUV | 111.7690, -30.4521, -79.6044 |
| Hunter-Lab | 53.9807, -44.0064, 29.1778 |

Details

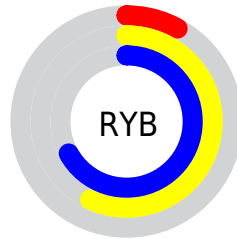
The Hex color **15AA32** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AA158D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **62E367**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **04AA24**, and if you desaturate by 10%, it is **26AA40**.

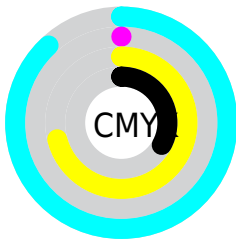
Distribution



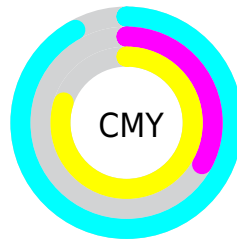
- Red (8%)
- Green (67%)
- Blue (20%)



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



- Cyan (88%)
- Magenta (0%)
- Yellow (71%)
- Black (33%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 15AA32 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 15AA32 by changing the saturation by 10% instead.

 15AA32

 15AA32


FFFFFF

 008F14

 62E367

 007400

 81FF81

 005A00

 9FFF9D

 004100

 BDFFB8

 002A00

 DBFFD5

 000600

 F9FFF2

 000000

 15AA32

 15AA32

 04AA24

 26AA40

 00AA21

 37AA4D

 48AA5B

 59AA69

 6AAA76

 7BAA84

 8CAA92

 9DAAA0

 AEAAAD

Harmonies

Analogous

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



859E00



15AA32



00B07A

Triad

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



15AA32



00A2FF



FF4968

Complementary

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



15AA32



AA158D

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.



FF48AC



15AA32



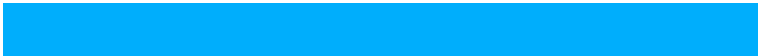
598AFF

Square

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



15AA32



00AEFC



CE68EB



F26926

Rectangle

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



15AA32



00B1AA



CE68EB



FF437E

Sweetspot

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



15AA32



A4DEAF



8FAA15



4D7054



F0F0F0



707070

Same Dimension

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



15AA32



00DE2B



15AA7B



4C544D



00941D



001404

Inverse Universe

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



AA158D



DE00B3



AA1544



544C53



940077



140010

Previews

White Background



This preview shows how the Hex color 15AA32 looks on a white background.

Color Contrast Check

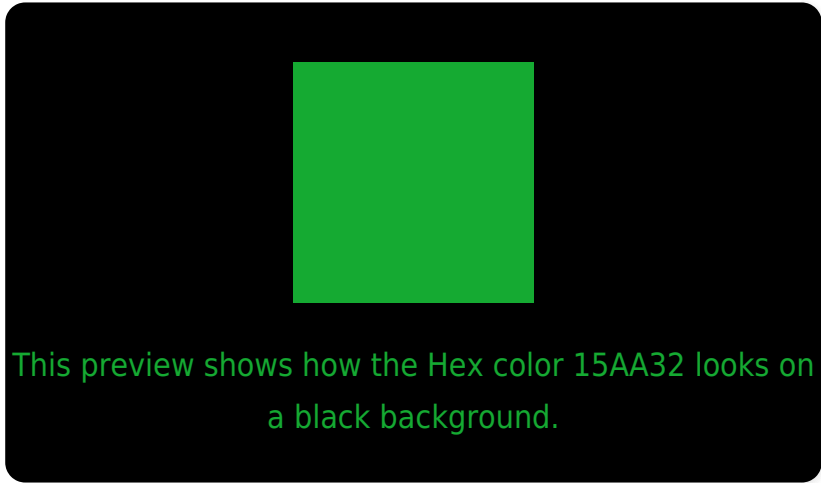
Large Text (above 18pt) WCAG AA ✓ Pass

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 15AA32 Background



This preview shows how black text looks on a background with the Hex color 15AA32.

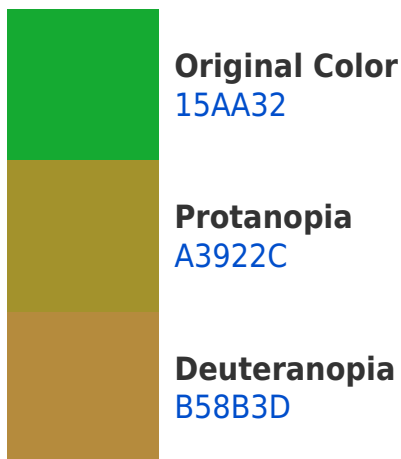


This preview shows how white text looks on a background with the Hex color 15AA32.

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



Trichromacy



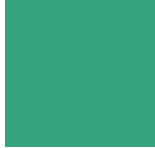
Original Color
15AA32



Protanomaly
6F9B2E



Deuteranomaly
7B9639



Tritanomaly
35A380

Monochromacy



Original Color
15AA32



Achromatopsia
707070



Achromatomaly
4F8559

CSS Examples

Text

The CSS property to change the color of the text to Hex 15AA32 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 #15AA32 looks like.

```
.text, #text, p{  
    color:#15AA32  
}
```

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 #15AA32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15AA32
}
```

Border

The CSS property to change the border of an element to Hex 15AA32 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
#15AA32 }
```

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

```
.border{ border-color:#15AA32 }
```

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

Here you see how a box with a 4 pixel #15AA32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15AA32; -webkit-box-shadow:4px 4px  
4px 4px #15AA32; box-shadow:4px 4px 4px  
4px #15AA32 }
```

Background

The CSS property to change the background color of an element to Hex 15AA32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15AA32 }
```

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

```
.background{ background-color:#15AA32 }
```

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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