

Converting Colors

Hex(15B112)

Have a look what the booklet for
Hex(15B112) contains.

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Color

Hex(15B112)

Conversions

Conversions Part 1

Format	Color
Hex	15B112
RGB	21, 177, 18
RGB Percent	8%, 69%, 7%
CMY	0.9176, 0.3059, 0.9294
CMYK	0.88, 0.00, 0.90, 0.31
HSL	119°, 82%, 38%
HSV	119°, 90%, 69%
XYZ	16.1406, 31.6474, 5.8301
YIQ	112.2300, -41.9370, -82.5210

Conversions

Conversions Part 2

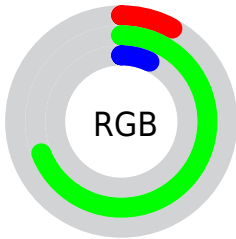
Format	Color
RYB	18, 177, 174
Decimal	1421586
CIELab	63.05, -63.85, 60.91
CIELCh	63, 88.245, 136.350
Yxy	31.6474, 0.3010, 0.5902
Android (android.graphics.Color)	4279611666 (0xFF15B112)
YUV	112.2300, -46.4554, -80.0087
Hunter-Lab	56.2560, -47.2340, 33.2346

Details

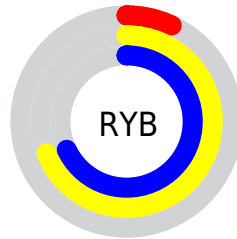
The Hex color **15B112** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **AE12B1**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **66EA52**, and **007B00** is the 20% darker color. If you saturate the color by 10%, you get **04B100**, and if you desaturate by 10%, it is **26B124**.

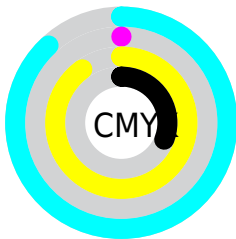
Distribution



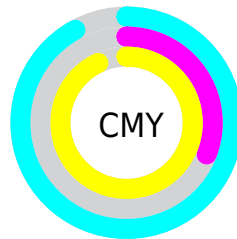
- Red (8%)
- Green (69%)
- Blue (7%)



- Red (7%)
- Yellow (69%)
- Blue (68%)



- Cyan (88%)
- Magenta (0%)
- Yellow (90%)
- Black (31%)



- Cyan (92%)
- Magenta (31%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15B112 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 15B112 by changing the saturation by 10% instead.



15B112



15B112

FFFFFF



009500



66EA52



007B00



85FF6D



006000



A4FF89



004700



C2FFA5



003000



E0FFC2



001300



FFFFDE



000000



FFFFFC



15B112



15B112

 04B100

 26B124

 03B100

 38B135

 49B147

 5AB159

 6CB16A

 7DB17C

 8FB18E

 A0B1A0

 B1B1B1

Harmonies

Analogous

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



90A200



15B112



00B871

Triad

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



15B112



00ACFF



FF3472

Complementary

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



15B112



AE12B1

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.



FF3BC0



15B112



0094FF

Square

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



15B112



00B8FF



CF6CFF



FF6124

Rectangle

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



15B112



00BAA8



CF6CFF



FF2C8B

Sweetspot

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



15B112



A9E6A8



B1AC12



4F734E



F2F2F2



737373

Same Dimension

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



15B112



04E600



12B15C



505950



039900



001A00

Inverse Universe

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



AE12B1



E100E6



B11267



595059



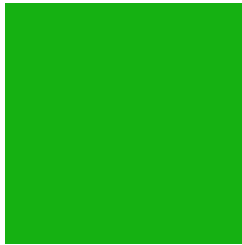
960099



19001A

Previews

White Background



This preview shows how the Hex color 15B112 looks on a white background.

Color Contrast Check

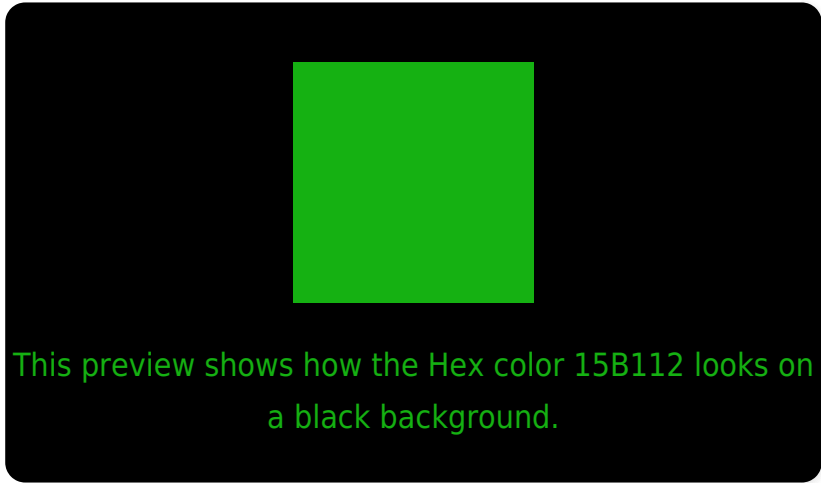
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 15B112 Background



This preview shows how black text looks on a background with the Hex color 15B112.

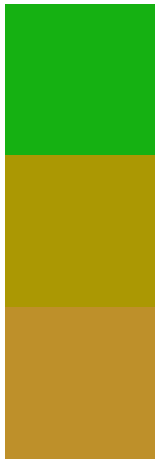


This preview shows how white text looks on a background with the Hex color 15B112.

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
15B112

Protanopia
AB9803

Deuteranopia
BE902A



Tritanopia
4CA5B2

Trichromacy



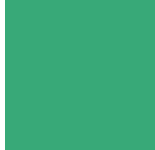
Original Color
15B112



Protanomaly
74A108



Deuteranomaly
819C21



Tritanomaly
38A978

Monochromacy



Original Color
15B112



Achromatopsia
707070



Achromatomaly
4F884E

CSS Examples

Text

The CSS property to change the color of the text to Hex 15B112 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 #15B112 looks like.

```
.text, #text, p{  
    color:#15B112  
}
```

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 #15B112 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15B112
}
```

Border

The CSS property to change the border of an element to Hex 15B112 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
#15B112 }
```

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

```
.border{ border-color:#15B112 }
```

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

Here you see how a box with a 4 pixel #15B112 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15B112; -webkit-box-shadow:4px 4px  
4px 4px #15B112; box-shadow:4px 4px 4px  
4px #15B112 }
```

Background

The CSS property to change the background color of an element to Hex 15B112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15B112 }
```

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

```
.background{ background-color:#15B112 }
```

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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