

Converting Colors

Hex(15CB01)

Have a look what the booklet for
Hex(15CB01) contains.

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Color

Hex(15CB01)

Conversions

Conversions Part 1

Format	Color
Hex	15CB01
RGB	21, 203, 1
RGB Percent	8%, 80%, 0%
CMY	0.9176, 0.2039, 0.9961
CMYK	0.90, 0.00, 1.00, 0.20
HSL	114°, 99%, 40%
HSV	114°, 100%, 80%
XYZ	21.6707, 42.8735, 7.1620
YIQ	125.5540, -43.6300, -101.4060

Conversions

Conversions Part 2

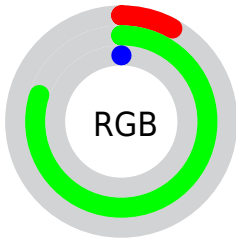
Format	Color
RYB	1, 203, 183
Decimal	1428225
CIELab	71.47, -71.57, 70.08
CIELCh	71, 100.161, 135.603
Yxy	42.8735, 0.3022, 0.5979
Android (android.graphics.Color)	4279618305 (0xFF15CB01)
YUV	125.5540, -61.4051, -91.6939
Hunter-Lab	65.4779, -55.5095, 39.3494

Details

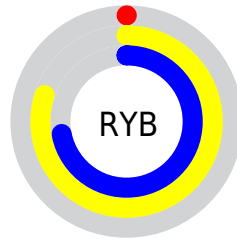
The Hex color **15CB01** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **B701CB**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **6DFF51**, and **009300** is the 20% darker color. If you saturate the color by 10%, you get **14CB00**, and if you desaturate by 10%, it is **27CB15**.

Distribution



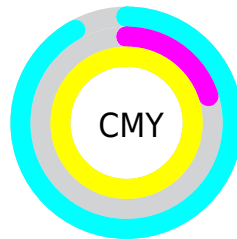
- Red (8%)
- Green (80%)
- Blue (0%)



- Red (0%)
- Yellow (80%)
- Blue (72%)



- Cyan (90%)
- Magenta (0%)
- Yellow (100%)
- Black (20%)



- Cyan (92%)
- Magenta (20%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15CB01 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 15CB01 by changing the saturation by 10% instead.

 15CB01

 15CB01

FFFFFF

 00AF00

 6DFF51

 009300

 8EFF6E

 007800

 AEFF8B

 005E00

 CDFFA8

 004400

 ECFFC5

 002C00

 FFFF E2

 000A00

 000000

 15CB01

 15CB01

 14CB00

 27CB15

 3ACB2A

 4CCB3E

 5ECB52

 70CB66

 83CB7B

 95CB8F

 A7CBA3

 BACBB8

Harmonies

Analogous

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



A7BA00



15CB01



00D37E

Triad

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



15CB01



00C7FF



FF3384

Complementary

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



15CB01



B701CB

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.



FF3FDF



15CB01



00AAFF

Square

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



15CB01



00D3FF



EB7CFF



FF6C29

Rectangle

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



15CB01



00D6BE



EB7CFF



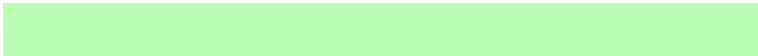
FF29A2

Sweetspot

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



15CB01



BAFFB3



CBB701



568052



000000



808080

Same Dimension

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



15CB01



19FF00



01CB52



5D665C



10A600



042600

Inverse Universe

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



B701CB



E600FF



CB017A



655C66



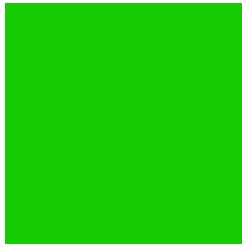
9500A6



220026

Previews

White Background



This preview shows how the Hex color 15CB01 looks on a white background.

Color Contrast Check

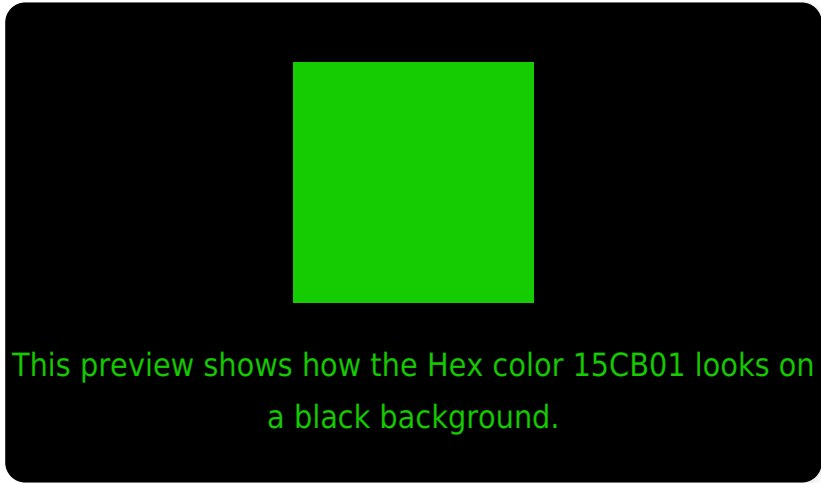
Large Text (above 18pt) WCAG AA × Fail

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 15CB01 Background



This preview shows how black text looks on a background with the Hex color 15CB01.

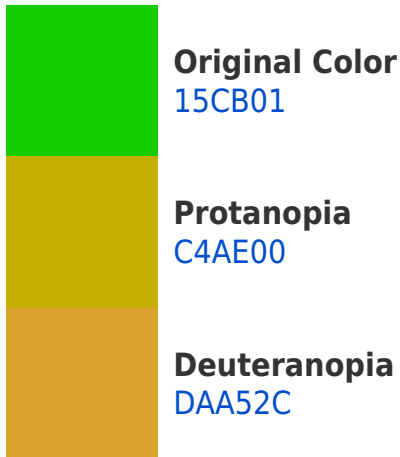


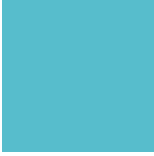
This preview shows how white text looks on a background with the Hex color 15CB01.

Color Blindness Simulation

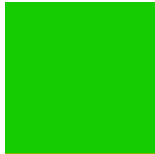
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



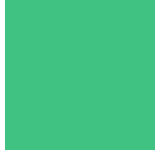
Original Color
15CB01



Protanomaly
84B900



Deuteranomaly
92B31C



Tritanomaly
3FC282

Monochromacy



Original Color
15CB01



Achromatopsia
7E7E7E



Achromatomaly
589A51

CSS Examples

Text

The CSS property to change the color of the text to Hex 15CB01 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 #15CB01 looks like.

```
.text, #text, p{  
    color:#15CB01  
}
```

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 #15CB01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15CB01
}
```

Border

The CSS property to change the border of an element to Hex 15CB01 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
#15CB01 }
```

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

```
.border{ border-color:#15CB01 }
```

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

Here you see how a box with a 4 pixel #15CB01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15CB01; -webkit-box-shadow:4px 4px  
4px 4px #15CB01; box-shadow:4px 4px 4px  
4px #15CB01 }
```

Background

The CSS property to change the background color of an element to Hex 15CB01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15CB01 }
```

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

```
.background{ background-color:#15CB01 }
```

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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