

# Converting Colors

Hex(15D31C)

Have a look what the booklet for  
Hex(15D31C) contains.

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# Color

Hex(15D31C)

# Conversions

## Conversions Part 1

Format	Color
Hex	15D31C
RGB	21, 211, 28
RGB Percent	8%, 83%, 11%
CMY	0.9176, 0.1725, 0.8902
CMYK	0.90, 0.00, 0.87, 0.17
HSL	122°, 82%, 45%
HSV	122°, 90%, 83%
XYZ	23.8131, 46.8318, 8.8830
YIQ	133.3280, -54.4970, -97.1930

# Conversions

## Conversions Part 2

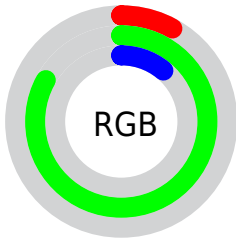
Format	Color
<a href="#">RYB</a>	<a href="#">21, 204, 211</a>
Decimal	<a href="#">1430300</a>
CIELab	<a href="#">74.08, -73.08, 68.57</a>
CIELCh	<a href="#">74, 100.212, 136.822</a>
Yxy	<a href="#">46.8318, 0.2994, 0.5889</a>
Android (android.graphics.Color)	<a href="#">4279620380 (0xFF15D31C)</a>
YUV	<a href="#">133.3280, -51.9267, -98.5117</a>
Hunter-Lab	<a href="#">68.4338, -57.6458, 40.2076</a>

# Details

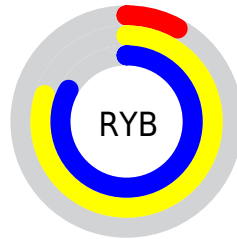
The Hex color **15D31C** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **D315CC**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6FFF5D**, and **009B00** is the 20% darker color. If you saturate the color by 10%, you get **00D308**, and if you desaturate by 10%, it is **2AD330**.

# Distribution



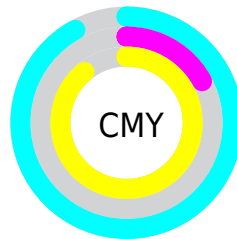
- Red (8%)
- Green (83%)
- Blue (11%)



- Red (8%)
- Yellow (80%)
- Blue (83%)



- Cyan (90%)
- Magenta (0%)
- Yellow (87%)
- Black (17%)



- Cyan (92%)
- Magenta (17%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15D31C 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 15D31C by changing the saturation by 10% instead.



 15D31C

 15D31C

FFFFFF

 00B700

 6FFF5D

 009B00

 90FF79

 007F00

 B0FF96

 006500

 CFFFB3

 004B00

 EFFF00

 003300

 FFFFED

 001700

 000000

 15D31C

 15D31C

 00D308

 2AD330

 3FD345

 54D359

 69D36D

 7FD382

 94D396

 A9D3AA

 BED3BF

 D3D3D3

# Harmonies

## Analogous

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



ABC200



15D31C



00DB89

# Triad

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



15D31C



00CDFE



FF4187

# Complementary

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



15D31C



D315CC

# 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.



FF48E3



15D31C



00B0FF

# Square

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



15D31C



00DBFF



F881FF



FF752C

# Rectangle

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



15D31C



00DEC9



F881FF



FF38A5

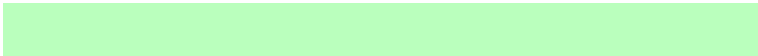


# Sweetspot

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



15D31C



BAFFBD



CDD315



578058



000000



808080



# Same Dimension

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



15D31C



00FF09



15D37A



5E695E



00A806



002902



# Inverse Universe

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



D315CC



FF00F6



D3156E



695E68



A800A2

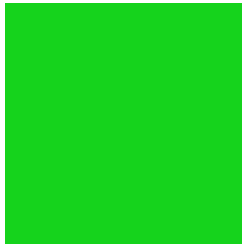


290027



# Previews

## White Background



This preview shows how the Hex color 15D31C looks on a white background.

## Color Contrast Check

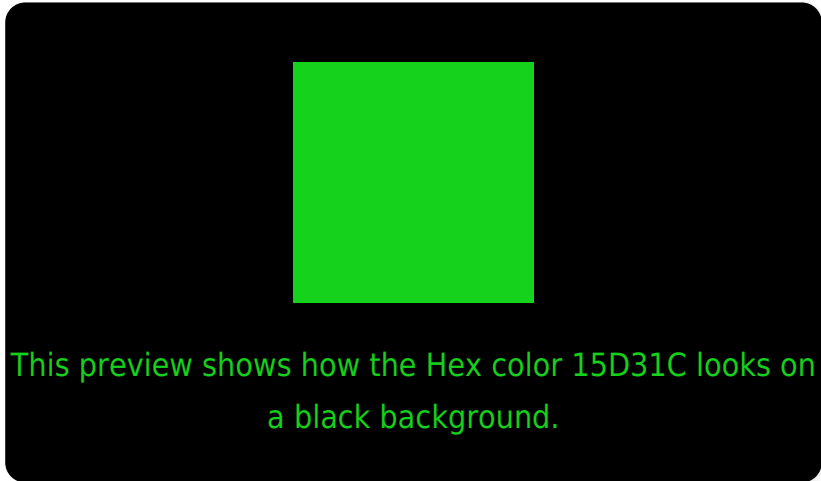
Large Text (above 18pt) WCAG AA × Fail

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 15D31C Background



This preview shows how black text looks on a background with the Hex color 15D31C.

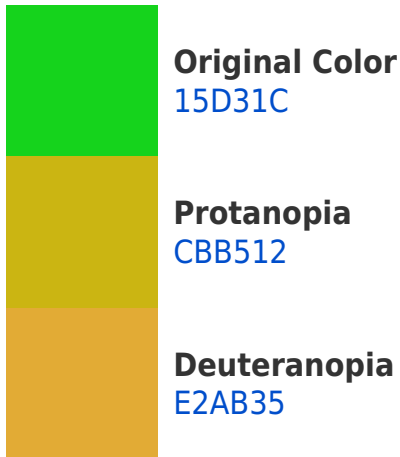


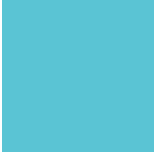
This preview shows how white text looks on a background with the Hex color 15D31C.

# 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](#).

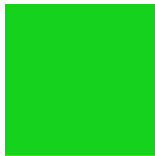
## Dichromacy





**Tritanopia**  
5AC4D4

# Trichromacy



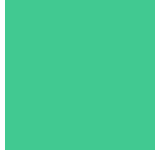
**Original Color**  
15D31C



**Protanomaly**  
89C016

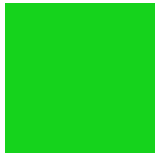


**Deuteranomaly**  
97BA2C



**Tritanomaly**  
41C991

# Monochromacy



**Original Color**  
15D31C



**Achromatopsia**  
858585



**Achromatomaly**  
5CA15F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15D31C 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 #15D31C looks like.

```
.text, #text, p{  
    color:#15D31C  
}
```

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 #15D31C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15D31C
}
```

## Border

The CSS property to change the border of an element to Hex 15D31C 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
#15D31C }
```

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

```
.border{ border-color:#15D31C }
```

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

Here you see how a box with a 4 pixel #15D31C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15D31C; -webkit-box-shadow:4px 4px  
4px 4px #15D31C; box-shadow:4px 4px 4px  
4px #15D31C }
```

# Background

The CSS property to change the background color of an element to Hex 15D31C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15D31C }
```

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

```
.background{ background-color:#15D31C }
```

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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