

Converting Colors

Hex(1DC42B)

Have a look what the booklet for
Hex(1DC42B) contains.

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Color

Hex(1DC42B)

Conversions

Conversions Part 1

Format	Color
Hex	1DC42B
RGB	29, 196, 43
RGB Percent	11%, 77%, 17%
CMY	0.8863, 0.2314, 0.8314
CMYK	0.85, 0.00, 0.78, 0.23
HSL	125°, 74%, 44%
HSV	125°, 85%, 77%
XYZ	20.6827, 39.9155, 8.8999
YIQ	128.6250, -50.4190, -82.9870

Conversions

Conversions Part 2

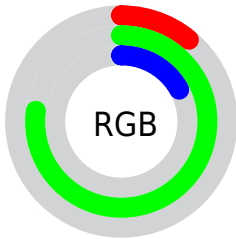
Format	Color
RYB	29, 183, 196
Decimal	1950763
CIELab	69.41, -67.40, 60.46
CIELCh	69, 90.546, 138.108
Yxy	39.9155, 0.2976, 0.5743
Android (android.graphics.Color)	4280140843 (0xFF1DC42B)
YUV	128.6250, -42.2131, -87.3711
Hunter-Lab	63.1787, -52.1276, 35.8730

Details

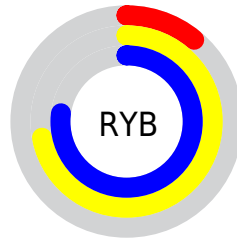
The Hex color **1DC42B** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **C41DB6**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **6DFE64**, and **008D00** is the 20% darker color. If you saturate the color by 10%, you get **09C419**, and if you desaturate by 10%, it is **31C43D**.

Distribution



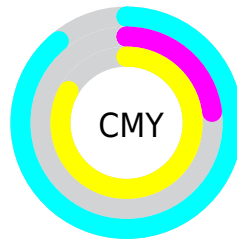
- Red (11%)
- Green (77%)
- Blue (17%)



- Red (11%)
- Yellow (72%)
- Blue (77%)



- Cyan (85%)
- Magenta (0%)
- Yellow (78%)
- Black (23%)



- Cyan (89%)
- Magenta (23%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DC42B 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 1DC42B by changing the saturation by 10% instead.



1DC42B



1DC42B

FFFFFF



00A800



6DFE64



008D00



8DFF80



007200



ACFF9C



005800



CBFFB8



003F00



E9FFD5



002600



FFFFF2



000000



1DC42B



1DC42B



09C419



31C43D

 00C410

 44C44F

 58C461

 6BC473

 7FC485

 93C497

 A6C4A9

 BAC4BB

 CDC4CD

Harmonies

Analogous

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



9DB500



1DC42B



00CB85

Triad

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



1DC42B



00BDFE



FF4A7C

Complementary

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



1DC42B



C41DB6

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.



FF4CCE



1DC42B



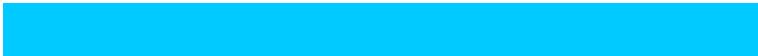
44A2FF

Square

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



1DC42B



00CAFF



E979FF



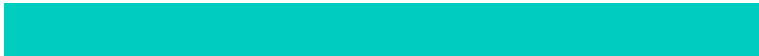
FF732C

Rectangle

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



1DC42B



00CDBE



E979FF



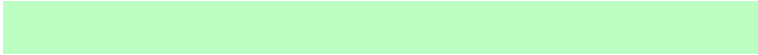
FF4397

Sweetspot

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



1DC42B



BDFFC2



B6C41D



58805B



000000



808080

Same Dimension

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



1DC42B



00FF15



1DC47E



576158



00A10D



002103

Inverse Universe

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



C41DB6



FF00EA



C41D63



615760



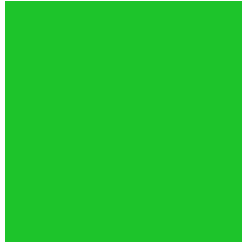
A10093



21001E

Previews

White Background



This preview shows how the Hex color 1DC42B looks on a white background.

Color Contrast Check

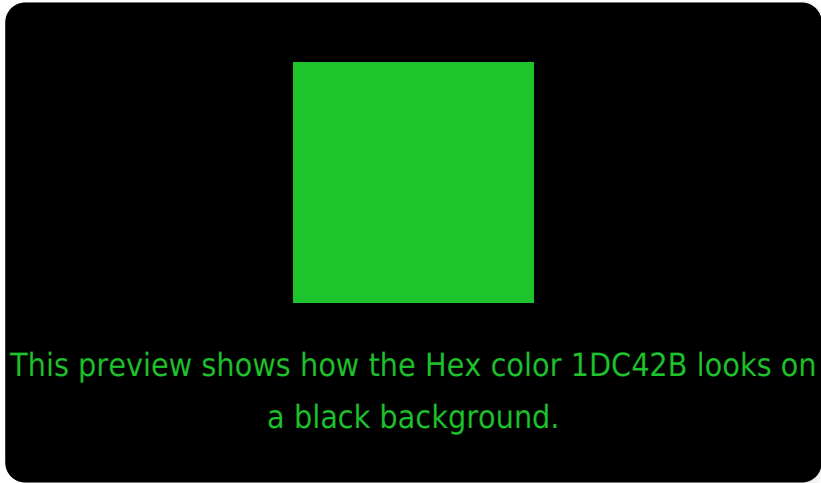
Large Text (above 18pt) WCAG AA × Fail

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 1DC42B Background



This preview shows how black text looks on a background with the Hex color 1DC42B.

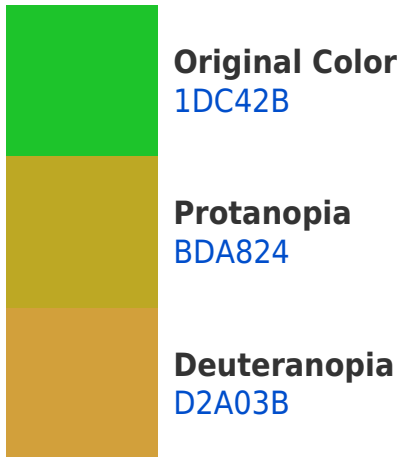


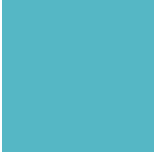
This preview shows how white text looks on a background with the Hex color 1DC42B.

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](#).

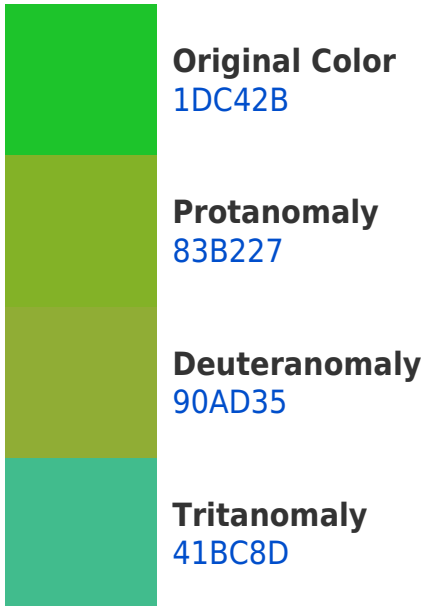
Dichromacy



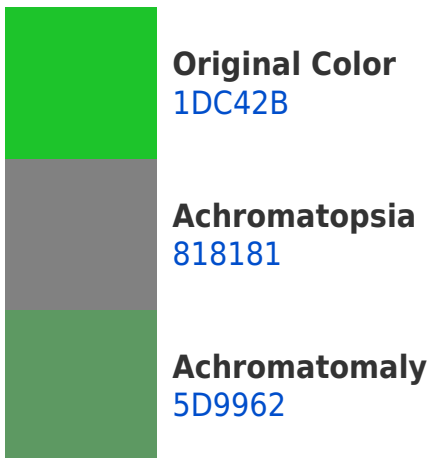


Tritanopia
55B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1DC42B 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 #1DC42B looks like.

```
.text, #text, p{  
    color:#1DC42B  
}
```

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 #1DC42B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DC42B
}
```

Border

The CSS property to change the border of an element to Hex 1DC42B 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
#1DC42B }
```

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

```
.border{ border-color:#1DC42B }
```

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

Here you see how a box with a 4 pixel #1DC42B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DC42B; -webkit-box-shadow:4px 4px  
4px 4px #1DC42B; box-shadow:4px 4px 4px  
4px #1DC42B }
```

Background

The CSS property to change the background color of an element to Hex 1DC42B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DC42B }
```

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

```
.background{ background-color:#1DC42B }
```

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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