

Converting Colors

Hex(2DC81A)

Have a look what the booklet for
Hex(2DC81A) contains.

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Color

Hex(2DC81A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2DC81A |
| RGB | 45, 200, 26 |
| RGB Percent | 18%, 78%, 10% |
| CMY | 0.8235, 0.2157, 0.8980 |
| CMYK | 0.77, 0.00, 0.87, 0.22 |
| HSL | 113°, 77%, 44% |
| HSV | 113°, 87%, 78% |
| XYZ | 21.9229, 41.9410, 7.9173 |
| YIQ | 133.8190, -36.5260, -86.9740 |

Conversions

Conversions Part 2

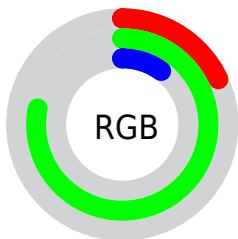
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 26, 200, 181 |
| Decimal | 3000346 |
| CIE _{Lab} | 70.83, -67.63, 66.23 |
| CIE _{LCh} | 71, 94.660, 135.600 |
| Yxy | 41.9410, 0.3054, 0.5843 |
| Android (android.graphics.Color) | 4281190426 (0xFF2DC81A) |
| YUV | 133.8190, -53.1548, -77.8943 |
| Hunter-Lab | 64.7619, -52.9082, 38.0850 |




Details

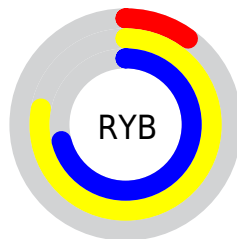
The Hex color **2DC81A** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **B51AC8**, and the grayscale version is **868686**.




A 20% lighter version of the original color is **76FF5A**, and **009000** is the 20% darker color. If you saturate the color by 10%, you get **1BC806**, and if you desaturate by 10%, it is **3FC82E**.

Distribution







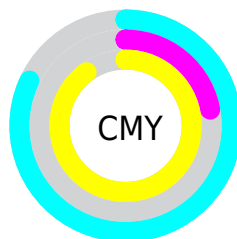
-  Red (18%)
-  Green (78%)
-  Blue (10%)






-  Red (10%)
-  Yellow (78%)
-  Blue (71%)



-  Cyan (77%)
-  Magenta (0%)
-  Yellow (87%)
-  Black (22%)



-  Cyan (82%)
-  Magenta (22%)
-  Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DC81A 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 2DC81A by changing the saturation by 10% instead.

 2DC81A

 2DC81A

FFFFFF

 00AC00

 76FF5A

 009000

 96FF76

 007600

 B5FF92

 005B00

 D3FFAF

 004200

 F2FFCC

 002A00

 FFFFE9

 000600

 000000

 2DC81A

 2DC81A

 1BC806

 3FC82E

 16C800

 51C842

 62C856

 74C86A

 86C87E

 98C892

 AAC8A6

 BCC8BA

 CDC8CE

Harmonies

Analogous

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



A7B700



2DC81A



00D07F

Triad

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



2DC81A



00C3FF



FF4285

Complementary

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



2DC81A



B51AC8

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.



FF4BDB



2DC81A



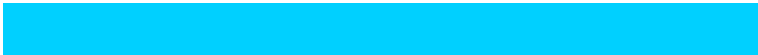
00A9FF

Square

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



2DC81A



00D0FF



E77EFF



FF6F31

Rectangle

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



2DC81A



00D2BC



E77EFF



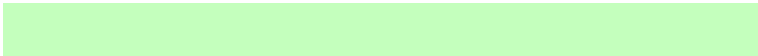
FF3CA1

Sweetspot

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



2DC81A



C4FFBD



C8B41A



5C8058



000000



808080

Same Dimension

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



2DC81A



1CFF00



1AC85D



5B635A



12A300



042400

Inverse Universe

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



B51AC8



E300FF



C81A85



625A63



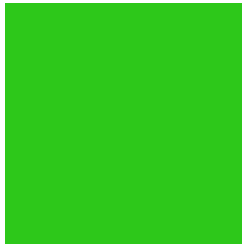
9100A3



200024

Previews

White Background



This preview shows how the Hex color 2DC81A looks on a white background.

Color Contrast Check

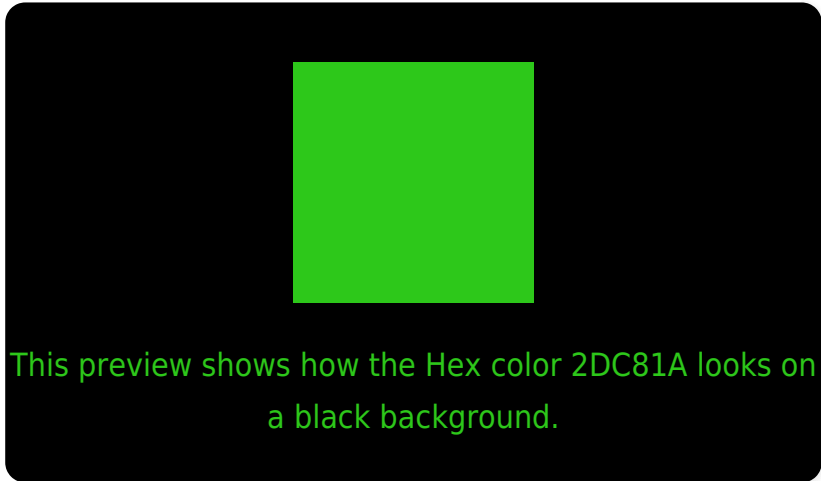
Large Text (above 18pt) WCAG AA × Fail

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 2DC81A Background



This preview shows how black text looks on a background with the Hex color 2DC81A.

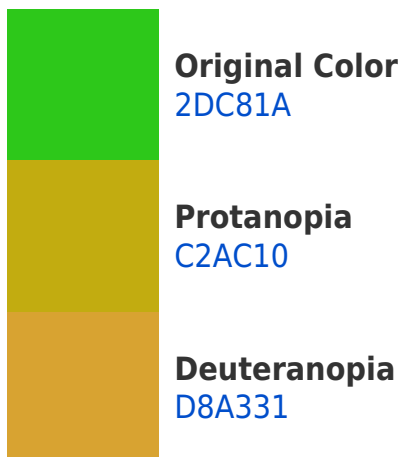


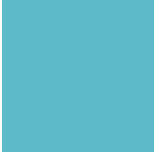
This preview shows how white text looks on a background with the Hex color 2DC81A.

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](#).

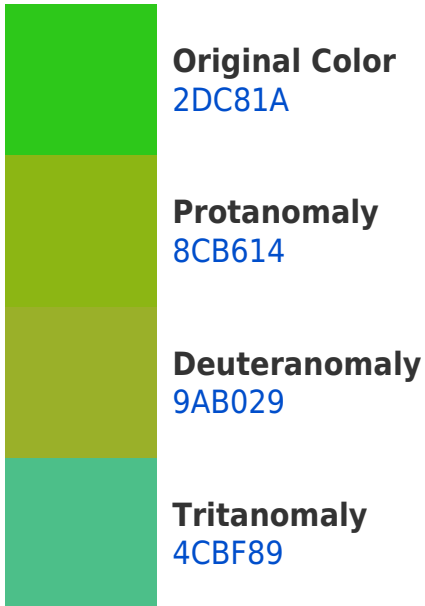
Dichromacy



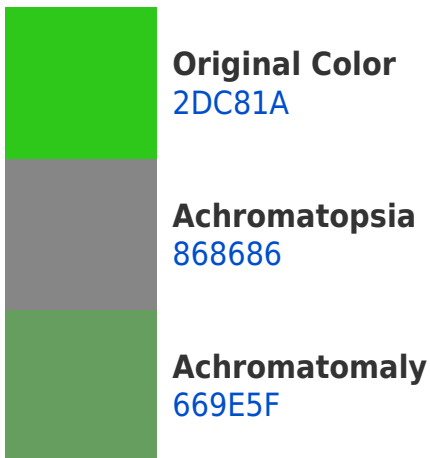


Tritanopia
5DBAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2DC81A 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 #2DC81A looks like.

```
.text, #text, p{  
    color:#2DC81A  
}
```

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 #2DC81A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DC81A
}
```

Border

The CSS property to change the border of an element to Hex 2DC81A 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
#2DC81A }
```

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

```
.border{ border-color:#2DC81A }
```

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

Here you see how a box with a 4 pixel #2DC81A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DC81A; -webkit-box-shadow:4px 4px  
4px 4px #2DC81A; box-shadow:4px 4px 4px  
4px #2DC81A }
```

Background

The CSS property to change the background color of an element to Hex 2DC81A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DC81A }
```

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

```
.background{ background-color:#2DC81A }
```

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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