

# Converting Colors

Hex(1DC414)

Have a look what the booklet for  
Hex(1DC414) contains.

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**Color**

**Hex(1DC414)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1DC414
RGB	29, 196, 20
RGB Percent	11%, 77%, 8%
CMY	0.8863, 0.2314, 0.9216
CMYK	0.85, 0.00, 0.90, 0.23
HSL	117°, 81%, 42%
HSV	117°, 90%, 77%
XYZ	20.3729, 39.7916, 7.2686
YIQ	126.0030, -43.0360, -90.1400

# Conversions

## Conversions Part 2

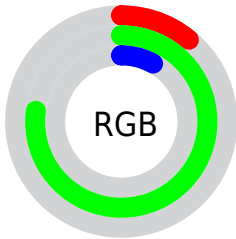
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 196, 187
Decimal	1950740
CIE <sub>Lab</sub>	69.32, -68.53, 65.97
CIE <sub>LCh</sub>	69, 95.125, 136.089
Yxy	39.7916, 0.3021, 0.5901
Android (android.graphics.Color)	4280140820 (0xFF1DC414)
YUV	126.0030, -52.2595, -85.0716
Hunter-Lab	63.0806, -52.7415, 37.3246

# Details

The Hex color **1DC414** 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 **BB14C4**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6EFE56**, and **008C00** is the 20% darker color. If you saturate the color by 10%, you get **0AC400**, and if you desaturate by 10%, it is **30C428**.

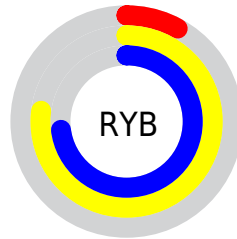
# Distribution



Red (11%)

Green (77%)

Blue (8%)



Red (8%)

Yellow (77%)

Blue (73%)

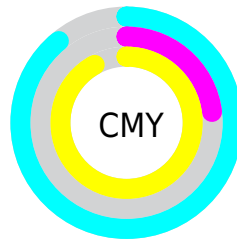


Cyan (85%)

Magenta (0%)

Yellow (90%)

Black (23%)



Cyan (89%)

Magenta (23%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1DC414 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 1DC414 by changing the saturation by 10% instead.



 1DC414

 1DC414

FFFFFF

 00A800

 6EFE56

 008C00

 8EFF73

 007200

 ADFF8F

 005800

 CCFFAB

 003F00

 EBFFC8

 002600

 FFFF E5

 000000

 1DC414

 1DC414

 0AC400

 30C428

 42C43B

 55C44F

 67C462

 7AC476

 8DC48A

 9FC49D

 B2C4B1

 C4C4C4

# Harmonies

## Analogous

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



A1B400



1DC414



00CC7D

# Triad

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



1DC414



00BFFF



FF3B7F

# Complementary

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



1DC414



BB14C4

# 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.



FF43D5



1DC414



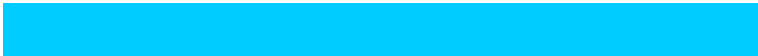
00A4FF

# Square

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



1DC414



00CCFF



E478FF



FF6B2A

# Rectangle

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



1DC414



00CEB9



E478FF



FF339C

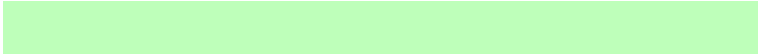


# Sweetspot

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



1DC414



BEFFBA



C4B814



598057



000000



808080



# Same Dimension

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



1DC414



0DFF00



14C460



586157



08A100



022100



# Inverse Universe

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



BB14C4



F200FF



C41478



605761



9800A1

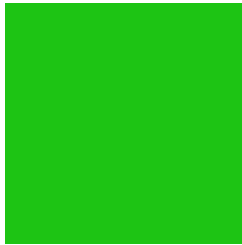


1F0021



# Previews

## White Background



This preview shows how the Hex color 1DC414 looks on a white background.

## Color Contrast Check

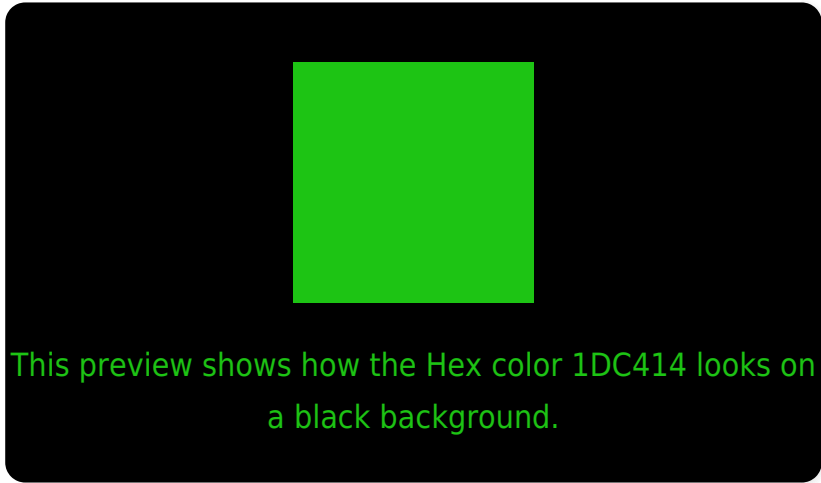
Large Text (above 18pt) WCAG AA × Fail

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 1DC414 Background



This preview shows how black text looks on a background with the Hex color 1DC414.

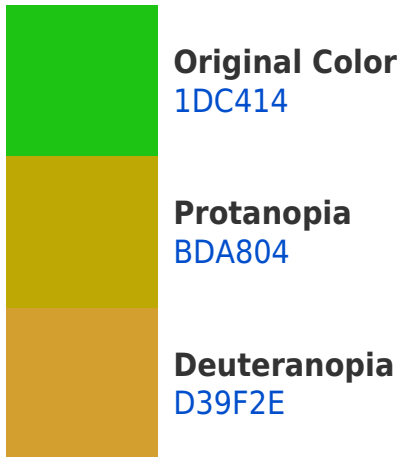


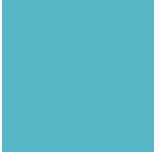
This preview shows how white text looks on a background with the Hex color 1DC414.

# 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](#).

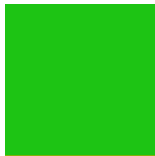
## Dichromacy





**Tritanopia**  
56B6C5

# Trichromacy



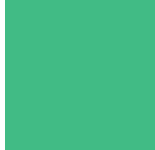
**Original Color**  
1DC414



**Protanomaly**  
83B20A



**Deuteranomaly**  
91AC25



**Tritanomaly**  
41BB85

# Monochromacy



**Original Color**  
1DC414



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
5B9757

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1DC414 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 #1DC414 looks like.

```
.text, #text, p{  
    color:#1DC414  
}
```

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 #1DC414 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DC414
}
```

## Border

The CSS property to change the border of an element to Hex 1DC414 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
#1DC414 }
```

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

```
.border{ border-color:#1DC414 }
```

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

Here you see how a box with a 4 pixel #1DC414 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DC414; -webkit-box-shadow:4px 4px  
4px 4px #1DC414; box-shadow:4px 4px 4px  
4px #1DC414 }
```

# Background

The CSS property to change the background color of an element to Hex 1DC414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DC414 }
```

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

```
.background{ background-color:#1DC414 }
```

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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