

# Converting Colors

Hex(1DBF34)

Have a look what the booklet for  
Hex(1DBF34) contains.

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# Color

Hex(1DBF34)

# Conversions

## Conversions Part 1

Format	Color
Hex	1DBF34
RGB	29, 191, 52
RGB Percent	11%, 75%, 20%
CMY	0.8863, 0.2510, 0.7961
CMYK	0.85, 0.00, 0.73, 0.25
HSL	129°, 74%, 43%
HSV	129°, 85%, 75%
XYZ	19.7573, 37.7707, 9.4980
YIQ	126.7160, -51.9330, -77.5730

# Conversions

## Conversions Part 2

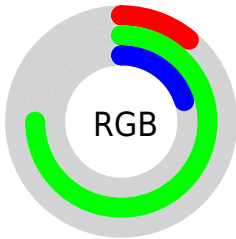
Format	Color
<a href="#">RYB</a>	<a href="#">29, 171, 191</a>
Decimal	<a href="#">1949492</a>
CIELab	<a href="#">67.85, -65.24, 55.87</a>
CIELCh	<a href="#">68, 85.895, 139.423</a>
Yxy	<a href="#">37.7707, 0.2948, 0.5635</a>
Android (android.graphics.Color)	<a href="#">4280139572 (0xFF1DBF34)</a>
YUV	<a href="#">126.7160, -36.8350, -85.6969</a>
Hunter-Lab	<a href="#">61.4579, -50.1676, 33.8576</a>

# Details

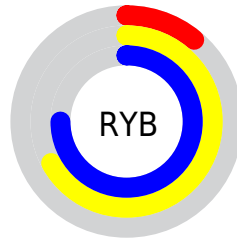
The Hex color **1DBF34** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BF1DA8**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6BF96B**, and **008800** is the 20% darker color. If you saturate the color by 10%, you get **0ABF24**, and if you desaturate by 10%, it is **30BF44**.

# Distribution



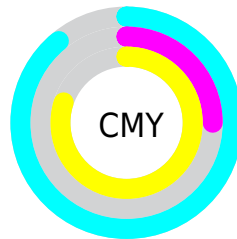
- Red (11%)
- Green (75%)
- Blue (20%)



- Red (11%)
- Yellow (67%)
- Blue (75%)



- Cyan (85%)
- Magenta (0%)
- Yellow (73%)
- Black (25%)



- Cyan (89%)
- Magenta (25%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1DBF34 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 1DBF34 by changing the saturation by 10% instead.



 1DBF34

 1DBF34

FFFFFF

 00A313

 6BF96B

 008800

 8BFF86

 006D00

 A9FFA2

 005300

 C8FFBE

 003B00

 E6FFDA

 002200

 FFFFF8

 000000

 1DBF34

 1DBF34

 0ABF24

 30BF44

■ 00BF1B

■ 43BF55

■ 56BF65

■ 69BF76

■ 7DBF86

■ 90BF96

■ A3BFA7

■ B6BFB7

■ C9BFC7

# Harmonies

## Analogous

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



97B100



1DBF34



00C686

# Triad

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



1DBF34



00B7FF



FF5077

# Complementary

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



1DBF34



BF1DA8

# 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.



FF4FC4



1DBF34



5A9DFF

# Square

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



1DBF34



00C4FF



E576FF



FF742C

# Rectangle

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



1DBF34



00C8BD



E576FF



FF4990

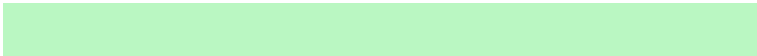


# Sweetspot

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



1DBF34



BAF7C2



A9BF1D



577D5D



FCFCFC



7D7D7D



# Same Dimension

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



1DBF34



00F723



1DBF84



555E56



009E16



001F04



# Inverse Universe

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



BF1DA8



F700D4



BF1D58



5E555D



9E0088

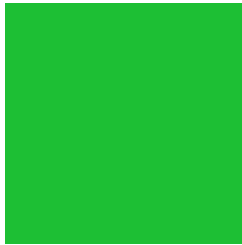


1F001A



# Previews

## White Background



This preview shows how the Hex color 1DBF34 looks on a white background.

## Color Contrast Check

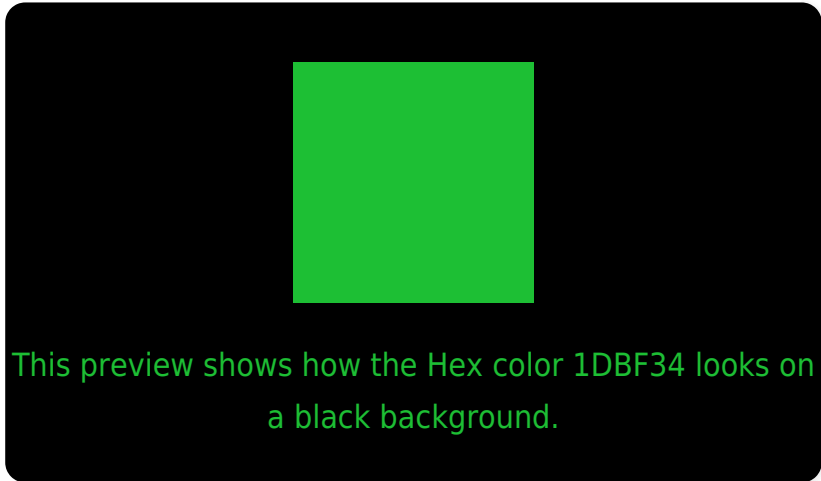
Large Text (above 18pt) WCAG AA × Fail

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 1DBF34 Background



This preview shows how black text looks on a background with the Hex color 1DBF34.

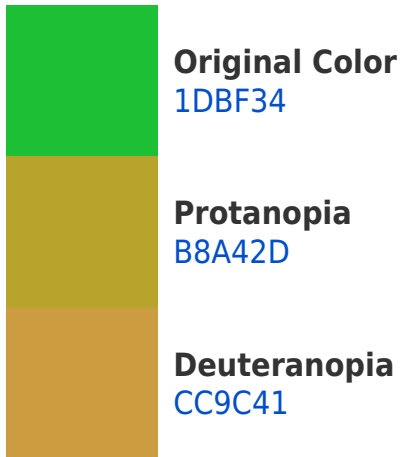


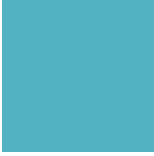
This preview shows how white text looks on a background with the Hex color 1DBF34.

# 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**  
52B2C1

# Trichromacy



**Original Color**  
1DBF34



**Protanomaly**  
80AE30



**Deuteranomaly**  
8CA93C



**Tritanomaly**  
3FB78E

# Monochromacy



**Original Color**  
1DBF34



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
5B9664

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1DBF34 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 #1DBF34 looks like.

```
.text, #text, p{  
    color:#1DBF34  
}
```

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 #1DBF34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DBF34
}
```

## Border

The CSS property to change the border of an element to Hex 1DBF34 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
#1DBF34 }
```

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

```
.border{ border-color:#1DBF34 }
```

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

Here you see how a box with a 4 pixel #1DBF34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DBF34; -webkit-box-shadow:4px 4px  
4px 4px #1DBF34; box-shadow:4px 4px 4px  
4px #1DBF34 }
```

# Background

The CSS property to change the background color of an element to Hex 1DBF34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DBF34 }
```

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

```
.background{ background-color:#1DBF34 }
```

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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