

Converting Colors

Hex(01B34B)

Have a look what the booklet for
Hex(01B34B) contains.

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Color

Hex(01B34B)

Conversions

Conversions Part 1

Format	Color
Hex	01B34B
RGB	1, 179, 75
RGB Percent	0%, 70%, 29%
CMY	0.9961, 0.2980, 0.7059
CMYK	0.99, 0.00, 0.58, 0.30
HSL	145°, 99%, 35%
HSV	145°, 99%, 70%
XYZ	17.4026, 32.7547, 12.0617
YIQ	113.9220, -72.7040, -70.0800

Conversions

Conversions Part 2

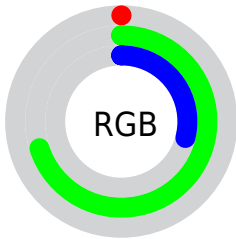
Format	Color
RYB	1, 127, 179
Decimal	111435
CIELab	63.96, -60.74, 41.81
CIELCh	64, 73.742, 145.459
Yxy	32.7547, 0.2797, 0.5264
Android (android.graphics.Color)	4278301515 (0xFF01B34B)
YUV	113.9220, -19.1885, -99.0326
Hunter-Lab	57.2317, -45.8784, 27.5667

Details

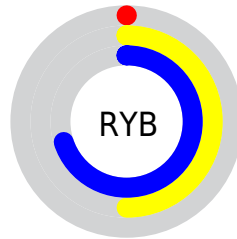
The Hex color **01B34B** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B30169**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **5FEC7F**, and **007D17** is the 20% darker color. If you saturate the color by 10%, you get **00B34A**, and if you desaturate by 10%, it is **13B355**.

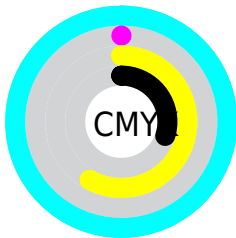
Distribution



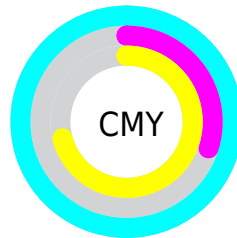
- Red (0%)
- Green (70%)
- Blue (29%)



- Red (0%)
- Yellow (50%)
- Blue (70%)



- Cyan (99%)
- Magenta (0%)
- Yellow (58%)
- Black (30%)




- Cyan (100%)
- Magenta (30%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01B34B 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 01B34B by changing the saturation by 10% instead.

 01B34B

 01B34B

FFFFFF

 009732

 5FEC7F

 007D17

 7EFF99

 006200

 9DFFB5

 004900

 BBFFD1

 003200


 D9FFEE

 001600

 F8FFFF

 000000

 01B34B

 01B34B

 00B34A

 13B355

 25B360

 37B36A

 49B375

 5BB37F

 6CB38A

 7EB394

 90B39F

 A2B3A9

Harmonies

Analogous

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



83A800



01B34B



00B88F

Triad

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



01B34B



00A6FF



FF5D67

Complementary

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



01B34B



B30169

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.



FF56A8



01B34B



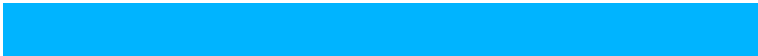
848EFF

Square

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



01B34B



00B4FF



E06EE7



F2792A

Rectangle

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



01B34B



00B9BC



E06EE7



FF577C

Sweetspot

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



01B34B



A2E8BF



6CB301



4B755D



F5F5F5



757575

Same Dimension

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



01B34B



00E860



01B3A1



505954



009940



001A0B

Inverse Universe

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



B30169



E80088



B30113



595056



990059



1A000F

Previews

White Background



This preview shows how the Hex color 01B34B 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



This preview shows how the Hex color 01B34B looks on a 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 01B34B Background



This preview shows how black text looks on a background with the Hex color 01B34B.

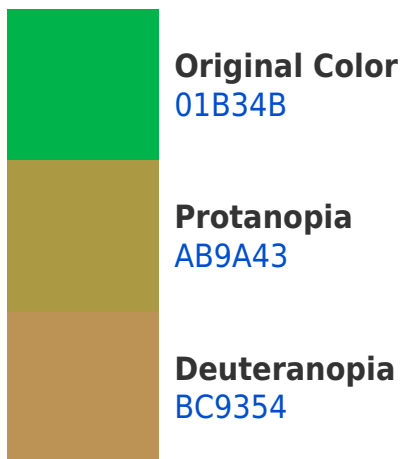


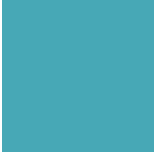
This preview shows how white text looks on a background with the Hex color 01B34B.

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
47A8B6

Trichromacy



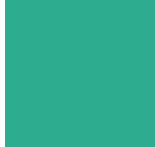
Original Color
01B34B



Protanomaly
6DA346



Deuteranomaly
789F51



Tritanomaly
2EAC8F

Monochromacy



Original Color
01B34B



Achromatopsia
727272



Achromatomaly
498A64

CSS Examples

Text

The CSS property to change the color of the text to Hex 01B34B 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 #01B34B looks like.

```
.text, #text, p{  
    color:#01B34B  
}
```

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 #01B34B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01B34B
}
```

Border

The CSS property to change the border of an element to Hex 01B34B 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
#01B34B }
```

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

```
.border{ border-color:#01B34B }
```

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

Here you see how a box with a 4 pixel #01B34B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01B34B; -webkit-box-shadow:4px 4px  
4px 4px #01B34B; box-shadow:4px 4px 4px  
4px #01B34B }
```

Background

The CSS property to change the background color of an element to Hex 01B34B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01B34B }
```

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

```
.background{ background-color:#01B34B }
```

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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