

Converting Colors

Hex(1EBD3F)

Have a look what the booklet for
Hex(1EBD3F) contains.

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Color

Hex(1EBD3F)

Conversions

Conversions Part 1

Format	Color
Hex	1EBD3F
RGB	30, 189, 63
RGB Percent	12%, 74%, 25%
CMY	0.8824, 0.2588, 0.7529
CMYK	0.84, 0.00, 0.67, 0.26
HSL	132°, 73%, 43%
HSV	132°, 84%, 74%
XYZ	19.6302, 37.0301, 10.8155
YIQ	127.0950, -54.3180, -72.8940

Conversions

Conversions Part 2

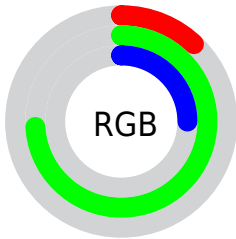
Format	Color
RYB	30, 162, 189
Decimal	2014527
CIELab	67.30, -63.50, 51.00
CIELCh	67, 81.441, 141.232
Yxy	37.0301, 0.2909, 0.5488
Android (android.graphics.Color)	4280204607 (0xFF1EBD3F)
YUV	127.0950, -31.5988, -85.1523
Hunter-Lab	60.8524, -48.9097, 32.0588

Details

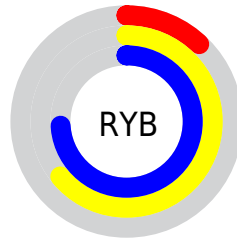
The Hex color **1EBD3F** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BD1E9C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6BF774**, and **008600** is the 20% darker color. If you saturate the color by 10%, you get **0BBD30**, and if you desaturate by 10%, it is **31BD4E**.

Distribution



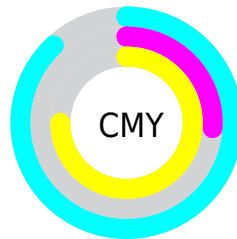
- Red (12%)
- Green (74%)
- Blue (25%)



- Red (12%)
- Yellow (64%)
- Blue (74%)



- Cyan (84%)
- Magenta (0%)
- Yellow (67%)
- Black (26%)



- Cyan (88%)
- Magenta (26%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EBD3F 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 1EBD3F by changing the saturation by 10% instead.

 1EBD3F

 1EBD3F

FFFFFF

 00A123

 6BF774

 008600

 8AFF8F

 006C00

 A8FFAB


 005200

 C7FFC7

 003A00

 E5FFE3


 002100

 000000

 1EBD3F

 1EBD3F

 0BBD30

 31BD4E

 00BD27

 44BD5D

 57BD6C

 6ABD7B

 7DBD8A

 8FBD99

 A2BDA8

 B5BDB7

 C8BDC6

Harmonies

Analogous

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



93B000



1EBD3F



00C38B

Triad

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



1EBD3F



00B3FF



FF5874

Complementary

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



1EBD3F



BD1E9C

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.



FF55BD



1EBD3F



6F9AFF

Square

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



1EBD3F



00C0FF



E676FF



FF792E

Rectangle

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



1EBD3F



00C5BE



E676FF



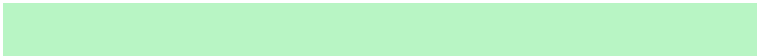
FF528C

Sweetspot

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



1EBD3F



B8F5C4



9DBD1E



567A5D



FAFAFA



7A7A7A

Same Dimension

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



1EBD3F



00F533



1EBD8D



555E57



009E21



001F06

Inverse Universe

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



BD1E9C



F500C2



BD1E4E



5E555C



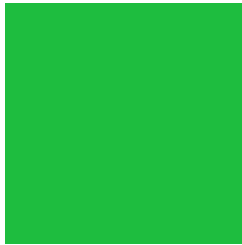
9E007D



1F0018

Previews

White Background



This preview shows how the Hex color 1EBD3F looks on a white background.

Color Contrast Check

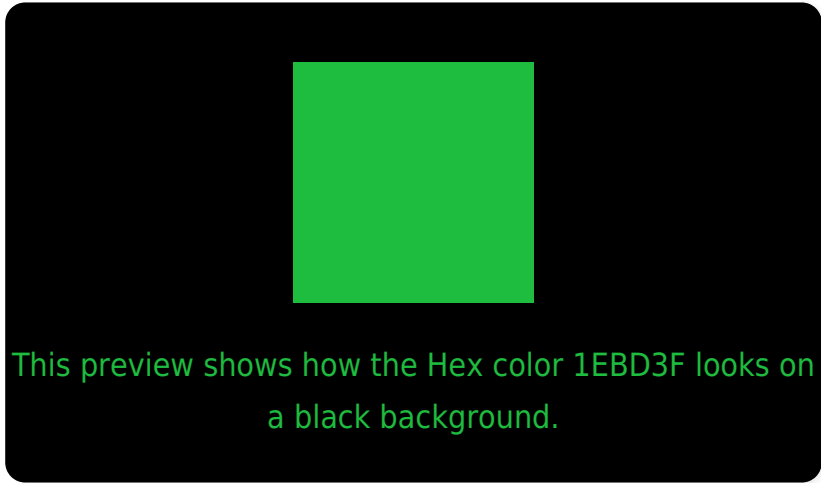
Large Text (above 18pt) WCAG AA × Fail

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 1EBD3F Background



This preview shows how black text looks on a background with the Hex color 1EBD3F.



This preview shows how white text looks on a background with the Hex color 1EBD3F.

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](#).

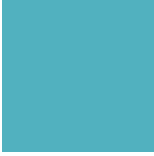
Dichromacy



Original Color
1EBD3F

Protanopia
B6A338

Deuteranopia
C99B4A



Tritanopia
51B1BF

Trichromacy



Original Color
1EBD3F



Protanomaly
7FAC3B



Deuteranomaly
8BA746



Tritanomaly
3EB590

Monochromacy



Original Color
1EBD3F



Achromatopsia
7F7F7F



Achromatomaly
5C9668

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EBD3F 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 #1EBD3F looks like.

```
.text, #text, p{  
    color:#1EBD3F  
}
```

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 #1EBD3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EBD3F
}
```

Border

The CSS property to change the border of an element to Hex 1EBD3F 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
#1EBD3F }
```

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

```
.border{ border-color:#1EBD3F }
```

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

Here you see how a box with a 4 pixel #1EBD3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EBD3F; -webkit-box-shadow:4px 4px  
4px 4px #1EBD3F; box-shadow:4px 4px 4px  
4px #1EBD3F }
```

Background

The CSS property to change the background color of an element to Hex 1EBD3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EBD3F }
```

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

```
.background{ background-color:#1EBD3F }
```

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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