

Converting Colors

Hex(13BC3F)

Have a look what the booklet for
Hex(13BC3F) contains.

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Color

Hex(13BC3F)

Conversions

Conversions Part 1

Format	Color
Hex	13BC3F
RGB	19, 188, 63
RGB Percent	7%, 74%, 25%
CMY	0.9255, 0.2627, 0.7529
CMYK	0.90, 0.00, 0.66, 0.26
HSL	136°, 82%, 41%
HSV	136°, 90%, 74%
XYZ	19.1490, 36.4638, 10.7316
YIQ	123.2190, -60.5990, -74.7030

Conversions

Conversions Part 2

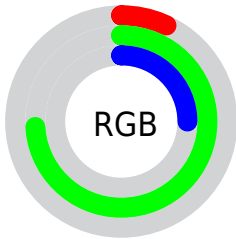
Format	Color
RYB	19, 153, 188
Decimal	1293375
CIELab	66.87, -64.09, 50.50
CIELCh	67, 81.599, 141.766
Yxy	36.4638, 0.2886, 0.5496
Android (android.graphics.Color)	4279483455 (0xFF13BC3F)
YUV	123.2190, -29.6880, -91.4001
Hunter-Lab	60.3852, -49.0694, 31.7327

Details

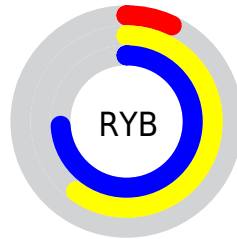
The Hex color **13BC3F** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BC1390**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **66F674**, and **008500** is the 20% darker color. If you saturate the color by 10%, you get **00BC31**, and if you desaturate by 10%, it is **26BC4D**.

Distribution



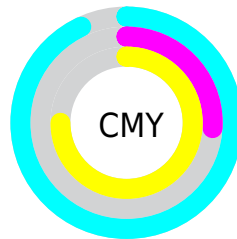
- Red (7%)
- Green (74%)
- Blue (25%)



- Red (7%)
- Yellow (60%)
- Blue (74%)



- Cyan (90%)
- Magenta (0%)
- Yellow (66%)
- Black (26%)



- Cyan (93%)
- Magenta (26%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13BC3F 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 13BC3F by changing the saturation by 10% instead.

 13BC3F

 13BC3F

FFFFFF

 00A023

 66F674

 008500

 86FF8F

 006B00

 A5FFAA

 005100

 C3FFC7

 003900

 E2FFE3

 002000

 000000

 13BC3F

 13BC3F

 00BC31

 26BC4D

 39BC5B

 4BBC69

 5EBC77

 71BC85

 84BC92

 97BCA0

 A9BCAE

 BCBCBC

Harmonies

Analogous

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



90AF00



13BC3F



00C28B

Triad

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



13BC3F



00B2FF



FF5671

Complementary

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



13BC3F



BC1390

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.



FF53BA



13BC3F



7098FF

Square

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



13BC3F



00BFFF



E674FF



FF782C

Rectangle

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



13BC3F



00C4BF



E674FF



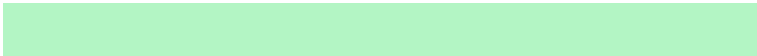
FF5089

Sweetspot

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



13BC3F



B3F5C4



92BC13



537A5D



FAFAFA



7A7A7A

Same Dimension

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



13BC3F



00F540



13BC92



555E57



009E29



001F08

Inverse Universe

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



BC1390



F500B5



BC133D



5E555C



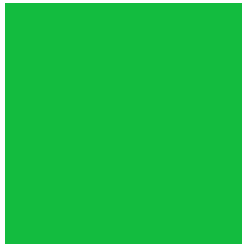
9E0075



1F0017

Previews

White Background



This preview shows how the Hex color 13BC3F looks on a white background.

Color Contrast Check

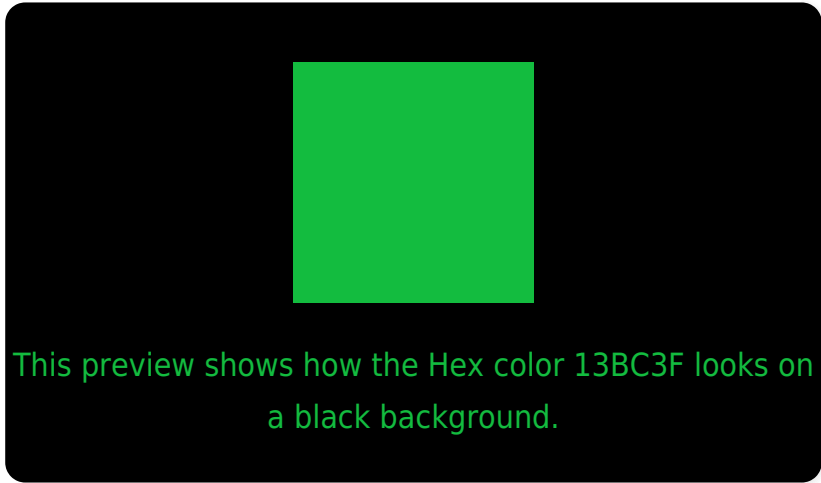
Large Text (above 18pt) WCAG AA × Fail

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 13BC3F Background



This preview shows how black text looks on a background with the Hex color 13BC3F.

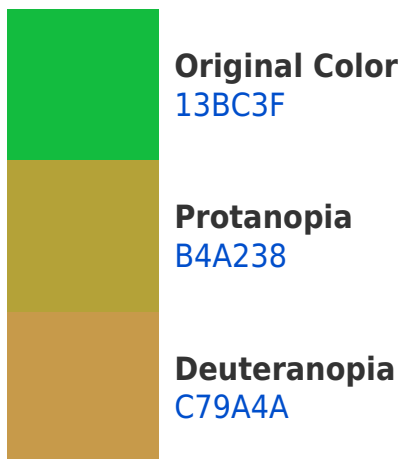


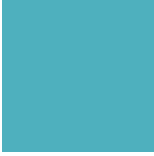
This preview shows how white text looks on a background with the Hex color 13BC3F.

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





Trichromacy



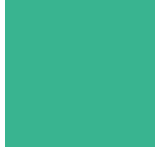
Original Color
13BC3F



Protanomaly
79AB3B



Deuteranomaly
86A646



Tritanomaly
39B490

Monochromacy



Original Color
13BC3F



Achromatopsia
7B7B7B



Achromatomaly
559365

CSS Examples

Text

The CSS property to change the color of the text to Hex 13BC3F 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 #13BC3F looks like.

```
.text, #text, p{  
    color:#13BC3F  
}
```

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 #13BC3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13BC3F
}
```

Border

The CSS property to change the border of an element to Hex 13BC3F 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
#13BC3F }
```

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

```
.border{ border-color:#13BC3F }
```

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

Here you see how a box with a 4 pixel #13BC3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13BC3F; -webkit-box-shadow:4px 4px  
4px 4px #13BC3F; box-shadow:4px 4px 4px  
4px #13BC3F }
```

Background

The CSS property to change the background color of an element to Hex 13BC3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13BC3F }
```

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

```
.background{ background-color:#13BC3F }
```

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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