

Converting Colors

Hex(1EBC4C)

Have a look what the booklet for
Hex(1EBC4C) contains.

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Color

Hex(1EBC4C)

Conversions

Conversions Part 1

Format	Color
Hex	1EBC4C
RGB	30, 188, 76
RGB Percent	12%, 74%, 30%
CMY	0.8824, 0.2627, 0.7020
CMYK	0.84, 0.00, 0.60, 0.26
HSL	137°, 72%, 43%
HSV	137°, 84%, 74%
XYZ	19.8231, 36.7643, 12.8889
YIQ	127.9900, -58.2160, -68.3280

Conversions

Conversions Part 2

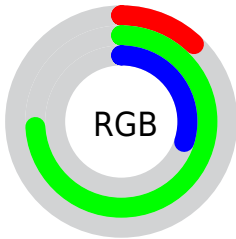
Format	Color
RYB	30, 152, 188
Decimal	2014284
CIELab	67.10, -61.67, 45.07
CIElCh	67, 76.389, 143.838
Yxy	36.7643, 0.2853, 0.5292
Android (android.graphics.Color)	4280204364 (0xFF1EBC4C)
YUV	127.9900, -25.6311, -85.9372
Hunter-Lab	60.6335, -47.7510, 29.8402

Details

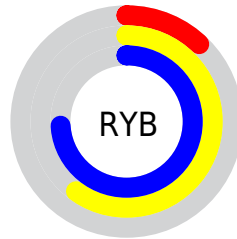
The Hex color **1EBC4C** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BC1E8E**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6AF580**, and **008517** is the 20% darker color. If you saturate the color by 10%, you get **0BBC3F**, and if you desaturate by 10%, it is **31BC59**.

Distribution



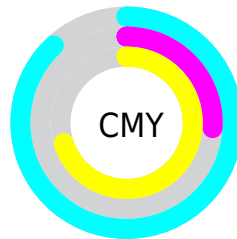
- Red (12%)
- Green (74%)
- Blue (30%)



- Red (12%)
- Yellow (60%)
- Blue (74%)



- Cyan (84%)
- Magenta (0%)
- Yellow (60%)
- Black (26%)




- Cyan (88%)
- Magenta (26%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EBC4C 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 1EBC4C by changing the saturation by 10% instead.

 1EBC4C

 1EBC4C

FFFFFF

 00A032

 6AF580

 008517

 89FF9B

 006B00

 A7FFB7

 005100

 C5FFD3


 003900

 E4FFF0


 002000

 000000

 1EBC4C

 1EBC4C

 0BBC3F

 31BC59

 00BC37

 44BC67

 56BC74

 69BC81

 7CBC8F

 8FBC9C

 A2BCA9

 B4BCB7

 C7BCC4

Harmonies

Analogous

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



8EB000



1EBC4C



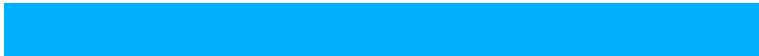
00C292

Triad

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



1EBC4C



00B0FF



FF6170

Complementary

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



1EBC4C



BC1E8E

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.



FF5CB5



1EBC4C



8497FF

Square

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



1EBC4C



00BEFF



E876F6



FF7E31

Rectangle

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



1EBC4C



00C3C2



E876F6



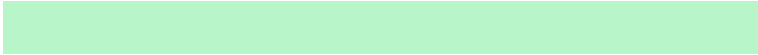
FF5B86

Sweetspot

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



1EBC4C



B8F5C9



8FBC1E



567A60



FAFAFA



7A7A7A

Same Dimension

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



1EBC4C



00F547



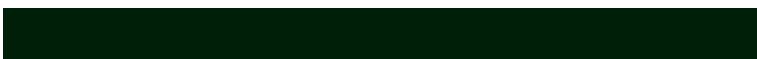
1EBC9A



555E58



009E2E



001F09

Inverse Universe

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



BC1E8E



F500AE



BC1E40



5E555C



9E0070



1F0016

Previews

White Background



This preview shows how the Hex color 1EBC4C looks on a white background.

Color Contrast Check

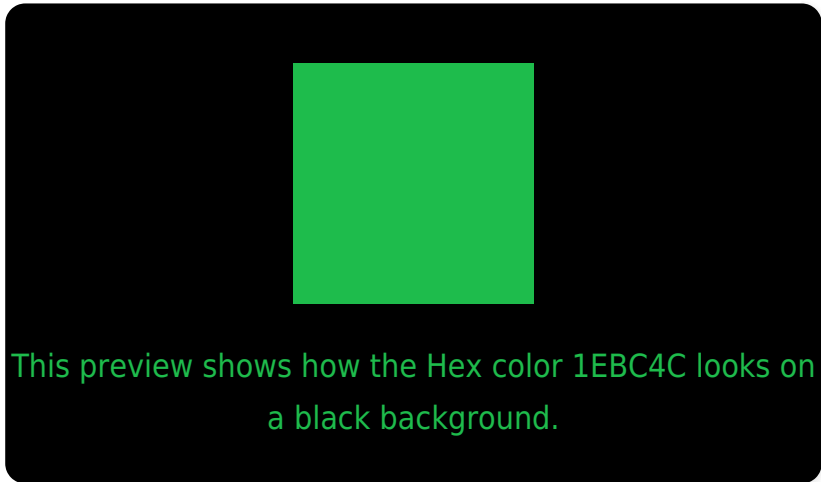
Large Text (above 18pt) WCAG AA × Fail

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 1EBC4C Background



This preview shows how black text looks on a background with the Hex color 1EBC4C.

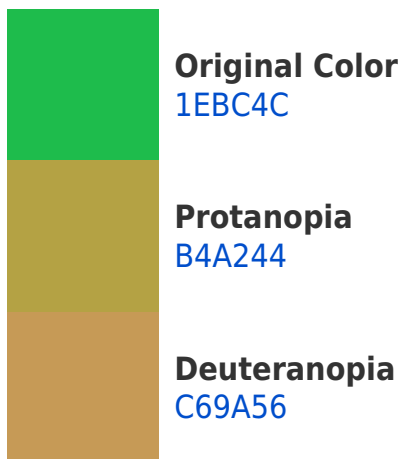


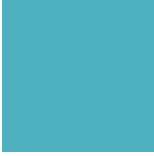
This preview shows how white text looks on a background with the Hex color 1EBC4C.

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
4FBOBF

Trichromacy



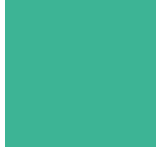
Original Color
1EBC4C



Protanomaly
7DAB47



Deuteranomaly
89A652



Tritanomaly
3DB495

Monochromacy



Original Color
1EBC4C



Achromatopsia
808080



Achromatomaly
5C966D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EBC4C 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 #1EBC4C looks like.

```
.text, #text, p{  
    color:#1EBC4C  
}
```

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 #1EBC4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EBC4C
}
```

Border

The CSS property to change the border of an element to Hex 1EBC4C 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
#1EBC4C }
```

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

```
.border{ border-color:#1EBC4C }
```

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

Here you see how a box with a 4 pixel #1EBC4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EBC4C; -webkit-box-shadow:4px 4px  
4px 4px #1EBC4C; box-shadow:4px 4px 4px  
4px #1EBC4C }
```

Background

The CSS property to change the background color of an element to Hex 1EBC4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EBC4C }
```

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

```
.background{ background-color:#1EBC4C }
```

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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