

Converting Colors

Hex(1EC807)

Have a look what the booklet for
Hex(1EC807) contains.

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Color

Hex(1EC807)

Conversions

Conversions Part 1

Format	Color
Hex	1EC807
RGB	30, 200, 7
RGB Percent	12%, 78%, 3%
CMY	0.8824, 0.2157, 0.9725
CMYK	0.85, 0.00, 0.96, 0.22
HSL	113°, 93%, 41%
HSV	113°, 96%, 78%
XYZ	21.2280, 41.5999, 7.1118
YIQ	127.1680, -39.3670, -96.0630

Conversions

Conversions Part 2

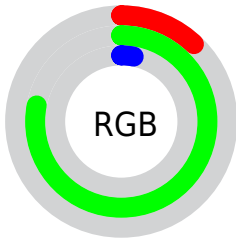
Format	Color
RYB	7, 200, 177
Decimal	2017287
CIELab	70.59, -69.89, 68.76
CIELCh	71, 98.040, 135.468
Yxy	41.5999, 0.3035, 0.5948
Android (android.graphics.Color)	4280207367 (0xFF1EC807)
YUV	127.1680, -59.2428, -85.2163
Hunter-Lab	64.4980, -54.1223, 38.6111

Details

The Hex color **1EC807** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **B107C8**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **70FF53**, and **009000** is the 20% darker color. If you saturate the color by 10%, you get **18C800**, and if you desaturate by 10%, it is **30C81B**.

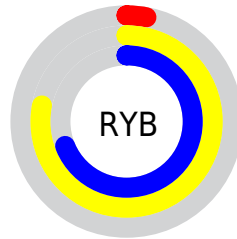
Distribution



Red (12%)

Green (78%)

Blue (3%)



Red (3%)

Yellow (78%)

Blue (69%)

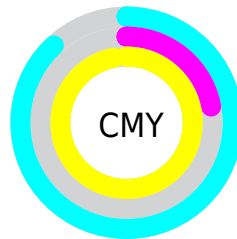


Cyan (85%)

Magenta (0%)

Yellow (96%)

Black (22%)



Cyan (88%)

Magenta (22%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EC807 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 1EC807 by changing the saturation by 10% instead.

 1EC807

 1EC807

FFFFFF

 00AC00

 70FF53

 009000

 90FF6F

 007500

 AFFF8C

 005B00

 CEFFA8

 004200

 EDFFC5

 002900

 FFFFE2

 000400

 000000

 1EC807

 1EC807

 18C800

 30C81B

 41C82F

 53C843

 64C857

 76C86B

 88C87F

 99C893

 ABC8A7

 BDC8BB

Harmonies

Analogous

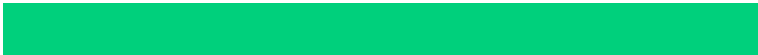
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A6B700



1EC807



00D07C

Triad

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



1EC807



00C4FF



FF3683

Complementary

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



1EC807



B107C8

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.



FF42DC



1EC807



00A8FF

Square

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



1EC807



00D0FF



E77BFF



FF6B2B

Rectangle

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



1EC807



00D3BB



E77BFF



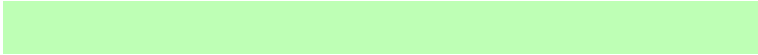
FF2EA0

Sweetspot

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



1EC807



BEFFB5



C8AE07



588053



000000



808080

Same Dimension

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



1EC807



1EFF00



07C84E



5B635A



13A300



042400

Inverse Universe

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



B107C8



E100FF



C80781



625A63



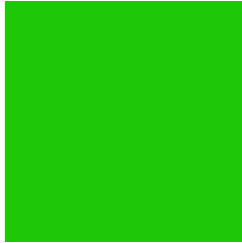
9000A3



1F0024

Previews

White Background



This preview shows how the Hex color 1EC807 looks on a white background.

Color Contrast Check

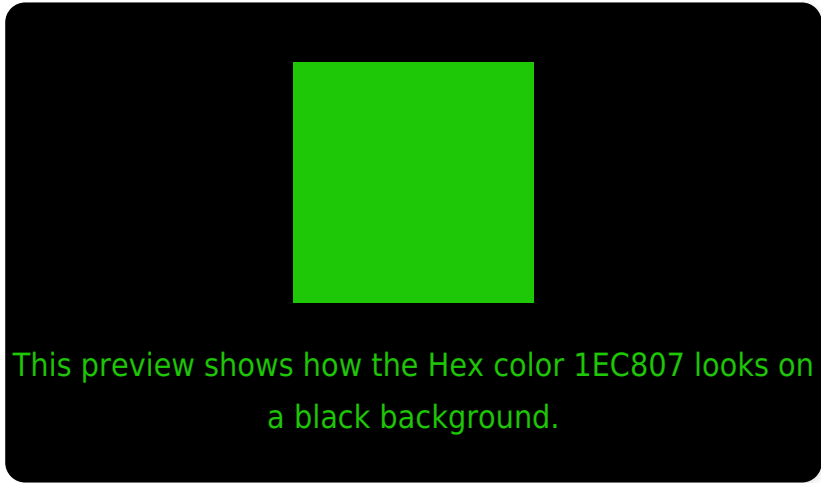
Large Text (above 18pt) WCAG AA × Fail

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 1EC807 Background



This preview shows how black text looks on a background with the Hex color 1EC807.

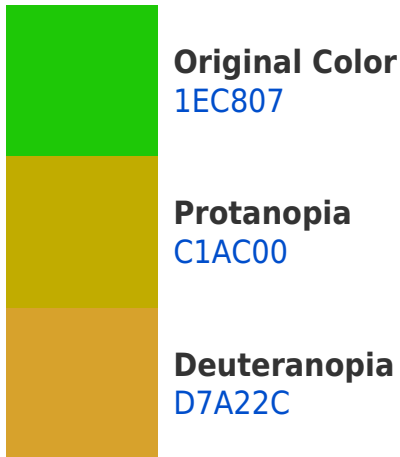


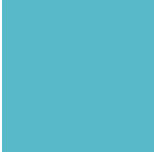
This preview shows how white text looks on a background with the Hex color 1EC807.

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](#).

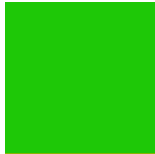
Dichromacy





Tritanopia
58BAC9

Trichromacy



Original Color
1EC807



Protanomaly
86B603



Deuteranomaly
94B01F



Tritanomaly
43BF82

Monochromacy



Original Color
1EC807



Achromatopsia
7F7F7F



Achromatomaly
5C9A53

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EC807 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 #1EC807 looks like.

```
.text, #text, p{  
    color:#1EC807  
}
```

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 #1EC807 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EC807
}
```

Border

The CSS property to change the border of an element to Hex 1EC807 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".

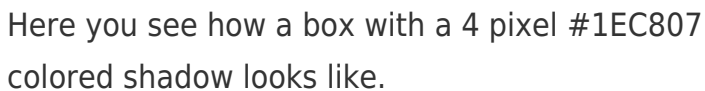
```
.border, #border, table{ border:4px solid
#1EC807 }
```

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

```
.border{ border-color:#1EC807 }
```

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

Here you see how a box with a 4 pixel #1EC807 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4-pixel wide, 4-pixel high, 4-pixel offset, green shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EC807; -webkit-box-shadow:4px 4px  
4px 4px #1EC807; box-shadow:4px 4px 4px  
4px #1EC807 }
```

Background

The CSS property to change the background color of an element to Hex 1EC807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EC807 }
```

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

```
.background{ background-color:#1EC807 }
```

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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