

Converting Colors

Hex(1EC848)

Have a look what the booklet for
Hex(1EC848) contains.

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Color

Hex(1EC848)

Conversions

Conversions Part 1

Format	Color
Hex	1EC848
RGB	30, 200, 72
RGB Percent	12%, 78%, 28%
CMY	0.8824, 0.2157, 0.7176
CMYK	0.85, 0.00, 0.64, 0.22
HSL	135°, 74%, 45%
HSV	135°, 85%, 78%
XYZ	22.3594, 42.0525, 13.0694
YIQ	134.5780, -60.2320, -75.8480

Conversions

Conversions Part 2

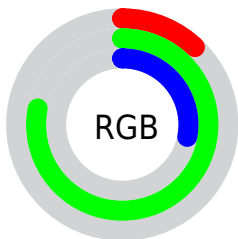
Format	Color
RYB	30, 166, 200
Decimal	2017352
CIELab	70.91, -65.94, 51.18
CIELCh	71, 83.474, 142.182
Yxy	42.0525, 0.2886, 0.5427
Android (android.graphics.Color)	4280207432 (0xFF1EC848)
YUV	134.5780, -30.8510, -91.7149
Hunter-Lab	64.8479, -51.9374, 33.4443

Details

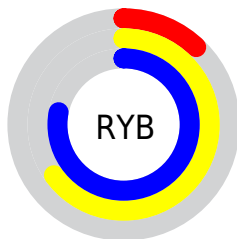
The Hex color **1EC848** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **C81E9E**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6DFF7D**, and **00900C** is the 20% darker color. If you saturate the color by 10%, you get **0AC839**, and if you desaturate by 10%, it is **32C857**.

Distribution



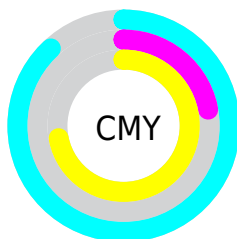
- Red (12%)
- Green (78%)
- Blue (28%)



- Red (12%)
- Yellow (65%)
- Blue (78%)



- Cyan (85%)
- Magenta (0%)
- Yellow (64%)
- Black (22%)



- Cyan (88%)
- Magenta (22%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EC848 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 1EC848 by changing the saturation by 10% instead.



1EC848



1EC848

FFFFFF



00AC2D



6DFF7D



00900C



8DFF98



007600



ACFFB4



005B00



CAFFD1



004200



E9FFED



002A00



000600



000000



1EC848



1EC848

■ 0AC839

■ 32C857

■ 00C831

■ 46C866

■ 5AC875

■ 6EC884

■ 82C893

■ 96C8A2

■ AAC8B1

■ BEC8C0

■ D2C8D0

Harmonies

Analogous

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



9ABA00



1EC848



00CF96

Triad

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



1EC848



00BDFE



FF6179

Complementary

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



1EC848



C81E9E

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.



FF5CC5



1EC848



7EA2FF

Square

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



1EC848



00CBFF



F57DFF



FF8232

Rectangle

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



1EC848



00D0CB



F57DFF



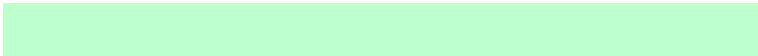
FF5A92

Sweetspot

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



1EC848



BDFLCD



A0C81E



588062



000000



808080

Same Dimension

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



1EC848



00FF3F



1EC89B



5A635C



00A328



002409

Inverse Universe

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



C81E9E



FF00C0



C81E4B



635A61



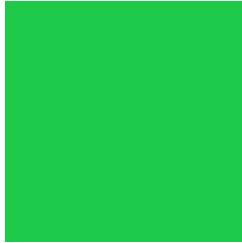
A3007B



24001B

Previews

White Background



This preview shows how the Hex color 1EC848 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 1EC848 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 1EC848 Background



This preview shows how black text looks on a background with the Hex color 1EC848.

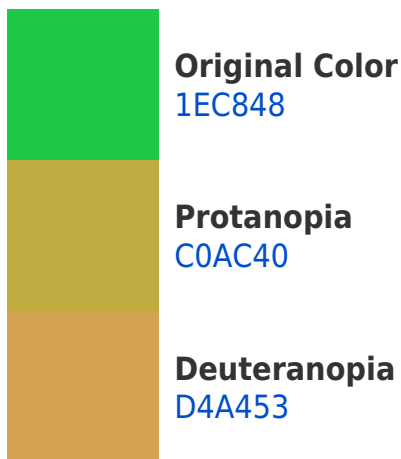


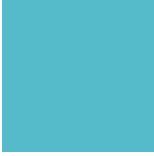
This preview shows how white text looks on a background with the Hex color 1EC848.

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](#).

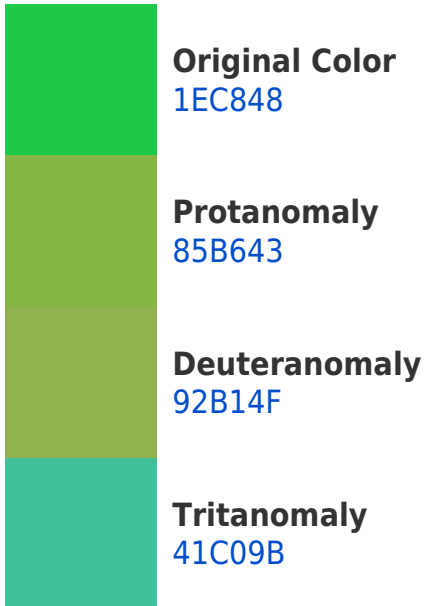
Dichromacy





Tritanopia
55BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1EC848 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 #1EC848 looks like.

```
.text, #text, p{  
    color:#1EC848  
}
```

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 #1EC848 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EC848
}
```

Border

The CSS property to change the border of an element to Hex 1EC848 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
#1EC848 }
```

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

```
.border{ border-color:#1EC848 }
```

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

Here you see how a box with a 4 pixel #1EC848 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EC848; -webkit-box-shadow:4px 4px  
4px 4px #1EC848; box-shadow:4px 4px 4px  
4px #1EC848 }
```

Background

The CSS property to change the background color of an element to Hex 1EC848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EC848 }
```

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

```
.background{ background-color:#1EC848 }
```

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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