

Converting Colors

Hex(1CEB45)

Have a look what the booklet for
Hex(1CEB45) contains.

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Color

Hex(1CEB45)

Conversions

Conversions Part 1

Format	Color
Hex	1CEB45
RGB	28, 235, 69
RGB Percent	11%, 92%, 27%
CMY	0.8902, 0.0784, 0.7294
CMYK	0.88, 0.00, 0.71, 0.08
HSL	132°, 84%, 52%
HSV	132°, 88%, 92%
XYZ	31.2614, 60.0932, 15.5817
YIQ	154.1830, -70.0860, -95.5100

Conversions

Conversions Part 2

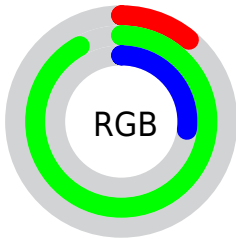
Format	Color
R_{YB}	28, 201, 235
Decimal	1895237
CIE _{Lab}	81.89, -76.80, 64.16
CIE _{LCh}	82, 100.072, 140.122
Yxy	60.0932, 0.2923, 0.5620
Android (android.graphics.Color)	4280085317 (0xFF1CEB45)
YUV	154.1830, -41.9952, -110.6625
Hunter-Lab	77.5198, -63.6760, 42.3464

Details

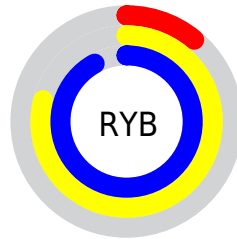
The Hex color **1CEB45** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **EB1CC2**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **76FF7E**, and **00B100** is the 20% darker color. If you saturate the color by 10%, you get **04EB32**, and if you desaturate by 10%, it is **34EB58**.

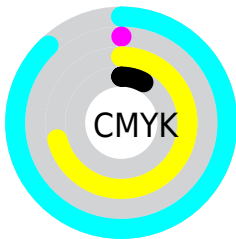
Distribution



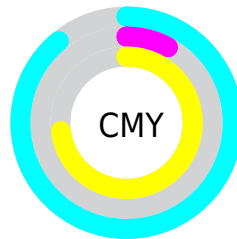
- Red (11%)
- Green (92%)
- Blue (27%)



- Red (11%)
- Yellow (79%)
- Blue (92%)



- Cyan (88%)
- Magenta (0%)
- Yellow (71%)
- Black (8%)



- Cyan (89%)
- Magenta (8%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CEB45 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 1CEB45 by changing the saturation by 10% instead.

 1CEB45

 1CEB45

FFFFFF

 00CE25

 76FF7E

 00B100

 98FF9A

 009600

 B8FFB6

 007A00

 D8FFD3

 006000

 F8FFF0

 004600

 002D00

 000D00

 000000

 1CEB45

 1CEB45

 04EB32

 34EB58

 00EB2F

 4BEB6B

 62EB7E

 7AEB90

 92EBA3

 A9EBB6

 C1EBC9

 D8EBDC

 FOEBEF

Harmonies

Analogous

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



B8DA00



1CEB45



00F3A8

Triad

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



1CEB45



00E0FF



FF6591

Complementary

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



1CEB45



EB1CC2

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.



FF63EF



1CEB45



78C0FF

Square

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



1CEB45



00F0FF



FF91FF



FF9237

Rectangle

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



1CEB45



00F5EA



FF91FF



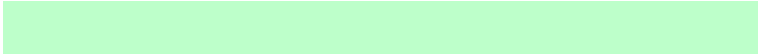
FF5CB0

Sweetspot

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



1CEB45



BDFPCA



C5EB1C



588060



000000



808080

Same Dimension

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



1CEB45



00FF33



1CEBA9



6A756C



00B524



00360B

Inverse Universe

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



EB1CC2



FF00CC



EB1C5E



756A73



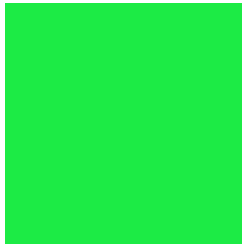
B50091



36002B

Previews

White Background



This preview shows how the Hex color 1CEB45 looks on a white background.

Color Contrast Check

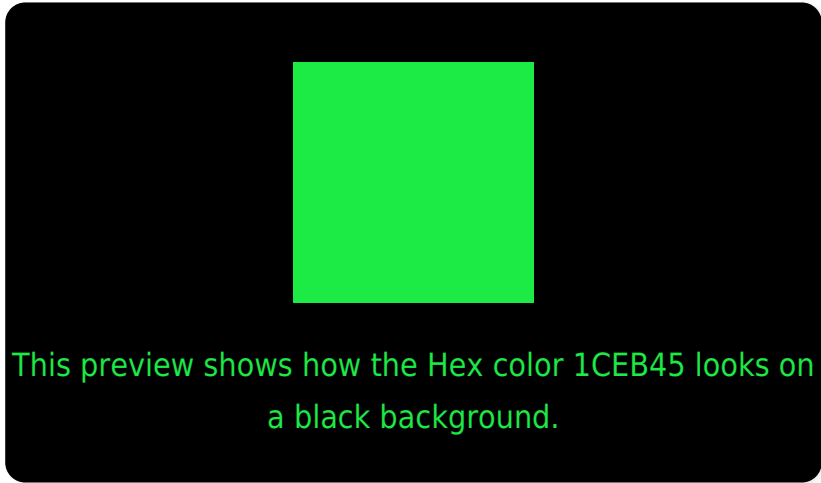
Large Text (above 18pt) WCAG AA × Fail

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 1CEB45 Background



This preview shows how black text looks on a background with the Hex color 1CEB45.

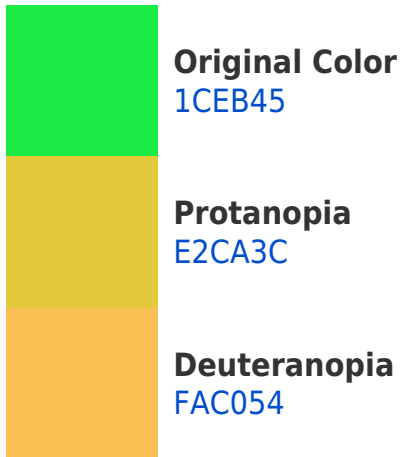


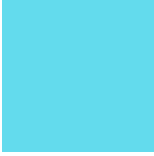
This preview shows how white text looks on a background with the Hex color 1CEB45.

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](#).

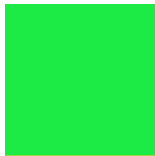
Dichromacy





Tritanopia
63DBED

Trichromacy



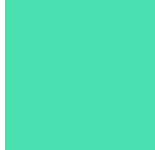
Original Color
1CEB45



Protanomaly
9AD63F



Deuteranomaly
A9D04F



Tritanomaly
49E1B0

Monochromacy



Original Color
1CEB45



Achromatopsia
9A9A9A



Achromatomaly
6CB77B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1CEB45 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 #1CEB45 looks like.

```
.text, #text, p{  
    color:#1CEB45  
}
```

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 #1CEB45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CEB45
}
```

Border

The CSS property to change the border of an element to Hex 1CEB45 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
#1CEB45 }
```

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

```
.border{ border-color:#1CEB45 }
```

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

Here you see how a box with a 4 pixel #1CEB45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CEB45; -webkit-box-shadow:4px 4px  
4px 4px #1CEB45; box-shadow:4px 4px 4px  
4px #1CEB45 }
```

Background

The CSS property to change the background color of an element to Hex 1CEB45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CEB45 }
```

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

```
.background{ background-color:#1CEB45 }
```

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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